,但是连续以为代达。但是自然、野族、建一、民族的组织提出人

AMERICAN RAILROAD JOURNAL,

AND

IRON MANUFACTURER'S AND MINING GAZETTE.

ESTABLISHED 1831.

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AMERICAN RAILROAD JOURNAL

PUBLISHED AT 105 CHESTNUT ST. PHILADELPHIA

w Orleans to Louiswould here in search of a market,

out the man interested in the work—because
and contemplated extensions and branches. It will
be seen, by referring to the map, that it is contemplated, extensions and contemplated extensions and branches. It will
be seen, by referring to the map, that it is contemplated, by this road, and the Central road, to open
an easy and cheap communication between Savannah, Southwestern Georgia, Southeastern Alabama
and Florida — probably the best ection growing
region of those three States. It will not only
enable the planters of that region easily to reach a
shipping port, but will also enable them, when the
road shall be opened from Chattanooga, on the Tennessee river, to Nashville, and the Ohjo, to get their
supplies from that region at a much cheaper rate
than they now get them—and thus enhance the value
of their crops and lands to much greater amount
than the cost of all these works.

The distance from Macron to Fort Gaines is found
on the following, viz:

In the same Journal of 25th December, we find
the following, viz:

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"Two important meetings and by
the following of the following may be the find of the report in the
text number of the Journal.

The distance of the movement bounded in the following in relation to the iron trade.

Birmingham, Joc. 20.

From the prevailing deprevailing deprevailing the first of the following in rela

It appears that the bluff at Fort Gaines is about 160 feet above the river, which gives a fine opportunity for the construction of a suspension bridge, by which the navigation of the river will be wholly un-

ventures a prediction which may, by some, be deem-ed as extravagant as was the remark of the celebrat-brought, in addition to other cargo, 149 tous weight

ed engineer, Brinley, who said that "rivers were made to feed canals." He says—in speaking of the navigation of the Chattahoochee—"it is, however, like most other of the rivers of the country, ultimately destined to yield the palm to the superior speed, certainty and safety of that great revolutionist, the railroad. If I might be permitted for a moment to wander so far from the subject, I should run but little risk of not being borne out by the fact, were I to predict, (and the prediction is therefore hazarded) that the mighty Mississippi itself, at least for all purthat the mighty Mississippi itself, at least for all pur-

than the cost of all these works.

The distance from Macon to Fort Gaines is found to be 140 miles, and the estimated cost of the work complete, ready for the machinery, with a rail of 60 firm, except £36,000, the old firm holding as security the works. The assets, including machinery, s'ock, and book debts, are over £100,000. The liabilities mile—and with the outfit of 15 locomotives, cars, tools and machinery for shops, the cost is estimated at \$1,773,264 23, or \$12,666 17 per mile.

It appears that the bluff at Fort Gaines is about It appears that the bluff at Fort Gaines is about to cannot look for any improvement. Our quotations of feet above the river, which gives a fine opportular are dull at 48s. 6d. for No. 1, 47s. 6d. for mixed Nos., and 46s. 6d. for No. 3. cash. The North British Railway Gazette gives the following shipments of pig iron in November last:—From Port Dundas and Kirkintilloch, 16,111 tons; from Broomielaw, 16,780 tons; in all 32,841 tons.

We do not quite understand this returning of rail-

The Railway Record says that "the average con tribution by the English railways to the local and parish rates every year amounts to five per cent. of

parish rates every year amounts to five per cent. of their earnings, estimated at nearly £8,000,000 a year—in round numbers. £400,000 towards the £5,000,000 annually raised for the poor—that is, 1-15th of the total rates, and fifty times what the same quantity of land contributed before its conversion to railways." At a court of inquiry, held at Driffield last week, to assess the amount of compensation to be paid for land at Driffield, required for the Malton and Driffield Junction railway, it was stated by Mr. Atherton, Q.C., that the whole of the traffic between Malton and Driffield had been conveyed on the back of a donkey.

Atmospheric Railway -- South Devon

The Plymouth, England, Herald of November 15th, says, "we have great pleasure in stating that, on Tuesday last, the first experimental train was run to Newton; and though it was but fair to anticipate that some difficulties might arise in the trial, from water which must have accumulated in the the papers left London at 6 A.M., so that the distance pipes, and from other causes incidental to a first at- over the Trent Valley line was traversed in 4h. 15m. tempt, yet the distance was accomplished in grand style, without the least difficulty or delay.

"The carriage was started from Teignmouth at five minutes before 10 a.m., and at eight minutes after 10 it arrived at Newton, having stopped at Wear held at Manchester the day before, (Mr. Villier's engine house four minutes. The train came back resignation), and which had not terminated till 5 P. in twelve minutes, having stopped four minutes at Wear on returning. The distance is five miles.

"Our readers who take an interest in the progress of practical science, will also be glad to hear that and a distance of more than 400 miles had been the trains from Teinmouth to Exeter-four each way -propelled by atmospheric power, ran most admirably, keeping their time far more regularly than those driven by locomotives; and the most perfect confidence is felt as to the system finally superseding the now common mode of traction.

"The power is exceeding great, and it is said that light trains could be propelled without difficulty at 60 miles an hour. The engineer, who ran for the first time to Newton, had the breaks on down and up. We trust to be enabled to announce in a short time that the locomotive engines are to be dispensed with on the South Devon line as far as Newton.

"The engine houses on the line towards Totnes. and at the stations, will soon be finished, and, as we stated a few weeks since, the tubing, of a large calibre, is being laid, and not the least doubt is entertained that the steep gradients on that part of the line will be run over at a swift pace, with much case. If these expectations be realized, of which we see no doubt, the triumph of Mr. Brunel and Mr. Samuda will be complete, and another 'great fact' will be established in the scientific world—the triumph of air over steam."

Tunnel Under Liverpool.

The Liverpool Mercury says that "this gigantic effort of skill and labor, which is to run from Edge hill to the New North Docks, is likely to prove more expensive than was at first contemplated, and, at the same time; to be a great promoter of the sanitary condition of the town. From Byrom st, to Crompton lution during a journey to the terminus and back." st., a distance of about a mile, the cuttings have been difficult and dangerous, the workmen having to cut through the clay the whole distance they have yet proceeded, and to support the sides with the utmost care and skill, as required by the treacherous state of the earth. In some portions of this distance it has been found necessary to raise buildings, and open the earth to the level of the intended tramroad. This has been done from Byrom street, once the head of the pool from the Mersey to Fontenoy st. The remaining portion of the tunnel to Great Howard st. has been attempted to be cut underground; but such has been the ill success so far, that some of the houses, not only immediately over the cuttings, but at some distance from them, have given way, and have been rendered so dangerous that the inmates have been compelled to quit with short notice. Some of the dwellings have been so rent, that to live in them as they now are, would be extremely danger ous. It is therefore believed that the houses in the whole distance from Fontenoy street to Crompton st. comprising Banastre st., Henry Edward st., Marybone, Midghall st., Bispham st., Freemason's row, Vauxhall road, Gascoyne st., and Eaton st, will have to be ulled down."

Bailway Expedition

The Railway Chronicle, of November 27th, says "as a feat of newspaper expedition, by the help of railways, we may notice that copies of the 'Daily News' of the 24th, arrived at Manchester, and were on sale by 10 15 A.M. The express which brought and the last 31 miles, (from Crewe to Manchester,) News' of the previous day laid upon the tables of the Exchange, at 3 P.M., a full report of a meeting. resignation), and which had not terminated till 5 P. M.; so that the short hand writer's notes had been transcribed, the copy had been 'composed,' the papers had been received from the printing machines, passed over besides, and all in 22 hours."

Locomotive Distance and Timekeeper. A Mr. Fletcher has made an instrument for registering the distance travelled by the locomotive. The following description of it is from the Railway Chro-

"This instrument is constructed for ascertaining the distance, and time any part of the distance travelled over by the locomotive engine; it is placed in a situation where the engineer can readily have his eye upon it, or on a carriage for the guidance of the guard. The driver can thus at all times ascerthe guard. The driver can thus at all times ascer-station, and his exact position on the line. A chro-nometer is also attached, showing railway time. It also registers on paper a description of the journey, the time occupied at each station, and the exact speed travelled during every mile. This paper may be taken off at the end of each journey, marked with the number of engine and date of year, and filed. It has a dial, the circumference of which is divided into the number of miles on the railway, and all the into the number of miles on the railway, and all the stations are correctly marked down at the proper distances from each terminus; while a finger, cator, points to the spot occupied by the engineer on the line. A smaller finger revolves once in two miles, by which the engineer can ascertain his speed. Another small finger revolves once in sixty journeys, of 10,000 miles, if necessary, to show the distance travelled by the engine during several weeks. Within the apparatus the speed and distance are registered, and this is effected by a separate wheel running on the rail, and not put out of working by breaks,

Mails Between London and Paris.

We find the following, in reference to the mails between London and Paris, in the Railway Chronicle. It appears that the Londoners are not quite satisfied with their mail arrangements. They comtention of two or three DAYS?

with only a partial success. The Morning Herald reports the following as the new arrangements.—Calais and Boulogne are to divide the honors of the Calais and Boulogne are to divide the honors of the mails—one mail a day each way is to be conveyed through Calais, the other through Boulogne. A morning mail will be despatched from London, via Dover and Calais, every day at 11 30 a.m., to reach Paris the following morning 4 30 a.m. The night mail from London is to start from London bridge at a cross the following morning 4 30 a.m. The night mail from London is to start from London bridge at a cross the location with average widths of next day. This mail is to go by way of Boulogne. There are to be two mails each day from Paris to London, the first of which is arranged to start from Paris at noon, and arrive in London the following day at 4 30 a.m., with the regular Dover mail train. This is to come via Calias and Dover. It is intended that the other mail shall leave Paris at 7.p.m., and arrive at London bridge by the express train at about the same elevation.

10 30 a.m. next day. This latter mail is to be conveyed via Boulogne and Dover. Our contemporary observes, here is the mail leaving Paris at 7 p.m. made to arrive at London within about five hours of that which starts seven hours in advance of it, and it is to be thus delayed just because it suits the convenient arrangement of somebody that the mails should be driven about in the way proposed. The arrangement is an absurd one and will not long be over the Trent Valley line was traversed in 4h. 15m., toler and the last 31 miles, (from Grewe to Manchester,) to within six miles of Boulogne, and on the principle that English indomitable perseverance would not allow further detention in the opening, so will the mails be accelerated to the full capabilities afforded by locomotives and marine steaming. Paris and London now extend their hands to each other—the full and cordial embrace cannot and must not be stilled. As a proof of what can be done, a party of gentlemen, among whom was Mr. Macgregor, started from Paris on Saturday, and reached London in 12h. 50m. The journey from Paris to Boulogne occupied 8h. 50m.; from Boulogne to Folkstone, 1h. 55m.; and from Folkstone to London, 2h. 5m.—There was no affect in accomplishing the control of the start in scannick that the start is scannick to the start in scannick that the start is scannick to the start in the stifled. As a proof of what can be done, a party of There was no effort in accomplishing this—the train from Paris to Amiens was a slow one, and stopped at every station."

Upper Canada Mining Company.
We have heard much of this company, and its valuable locations, but have not before met with any thing definite. The following report of T. W. Bris-American Mining Journal of 5th inst., together with the report of Carlos Cobb, principal officer, and P. Von Schneidau second officer of the company-but this will give a good idea of the region.

To Col. O. P. Dibble, Superintendent Upper Canada Mining Company:

Sin-Having completed my explorations for the season, I beg leave in accordance with your instructions, to submit to you the following report, as a summary account of my researches during the past season upon Lake

My examinations have resulted in the selection of three locations for the Upper Cannada mining company, of 10 square miles

Spanish River Location is situated about ten miles west of the mouth of the river of the same name, and in the neighborhood of 120 miles east of Saulte St. Marie.

The rock formation is mainly composed of trap, greenstone, and altered slate; the former predominating on the islands bordering the coast, and the point of main land, known as the Little Detroit, which constitutes the plain of a detention of two hours in the arrival of one eastern portion of the south boundary of this of the daily mails. What would they say at a de- location. The greenstone and slate occur on the main land, the latter in the high mural "Mr. Macgregor has been to Paris to accelerate cliffs which skirt the coast, flanked upon the north with greenstone, which continues with slight interruptions, to the north boundary of the tract.

This island near the south end, is traversed with masses of detached veins and stones carwith five well defined quartz veins, varying rying the ores of copper; and the wall rock in extent from one to two and a half feet. In four of this number, the grey sulphuret and marked with wide belts of the copper tinge. carbonate of copper alone prevail—the sul-phuret occurring in small strings and minute particles disseminated through portions of the ing about the same average width were disveins, while the green copper tinge, commu-nicated by the carbonate of copper, appears per. The very marked relation these veins throughout the entire width between the walls. The remaining vein referred to, is immediately upon the surface, producing yellow sulphuret and purple copper; the same special description of the whole.

Serpent river, which falls into the Lake about fifteen miles west, crosses near the northern boundary of this location, and will, mens exhibiting both characters of ore, nearly and proportionately mixed.

lands, until disappearing in the deep waters contiguity to each other, will be found to proof the lake. Two of these veins are conduce a great influence over their products.

a wide belt of level land, a portion of which nected nearly at right angles, by a feeder of one foot in thickness. Entirely traversing cur isolated, or separated by great distances, ting grounds, occurs, abundantly sufficient to an intermediate vein at the junction, the mat- without any connecting strings or feeders, produce all vegetables which may be requirtrix is changed from a white to a brown they have in general failed to produce satis- ed for the support of any mining force nequartz, without any observable alterations in factory results from mining. Upon the other cessary to work the different veins. the mineral productions, both sides alike pro- hand, when a number of somewhat parallel

said to be east and west; although in tracing sult in their intersection upon the larger of were they situated upon the main shore. the two islands first mentioned, which is here separated only by a distance of 200 yards.

the island, where a handsome vein of quarts, the cliff with an east and west direction .into each other; and accordingly presents a feet above the level of the lake. favorable point for permanent operations.

pyrites makes its appearance in a perpendic- miles east. Where no mineral whatever was

and copper pyrites in nearly equal propor- veins occur under the same geological relations; and the green copper tinge was ob-served to mark the rock in broad vertical tween those of Spanish river and the one in bands, existing in proportions to that extent so question, that an experienced eye, familiar as to furnish the prevailing color to the rock alike with each location, would fail to identiin the vicinity of the veins.

Owing to the peculiar position of this vein arranged. in the cliff, it was not deemed practicable to advantageously can be commenced.

ground, and the surface being concealed by leading to unexpected results. large masses of detached rock and vegetation. Westerly, it preserves its course along the margin of the lake, parallel with the course of the islands, entering the cliff a few rods north of the house which has been erected, and was traced nearly one quarter of a mile pursuing its uniform width and bearing.

A very striking similarity exists in their bearings; for in no instance of those regarded The veins all occur in trap, and were found as true veins, was any material deviation from this location; the islands for the most part to preserve their uniform width when traced an east direction observed. This circumstance support only a thin mossy soil, barely suffidown the slope upon the west side of the isit is believed, taken in connection with their cient to conceal underlying rock. Upon the

ducing valuable specimens of purple copper. contiguous veins appear, as in this instance, The general course of these veins may be some of them very rarely fail to be productive.

No objection can be raised from the fact of them easterly across the island, they were their being upon islands; for they are of suffound to diverge towards each other at small ficient magnitude and elevation to possess all acute angles, which if continuous would re- the advantages that could possibly be realized

Upon the main land, five large quartz veins have been discovered, conforming in direction Their general course was continued across with those previously described, with thick sisland, where a handsome vein of quarts, ness varying from four to eight feet. In four feet wide, was discovered, boldly cutting three of these veins, the yellow sulphuret of the cliff with an east and west direction.— copper was found, and in one, which was This vein, I think, may be safely inferred as traced over a quarter of a mile, this ore was made up of all those above described falling taken from portions of the vein elevated 100

In their external characters, these veins ular cliff of trap, 40 feet high, exhibiting a apparent upon the surface, a shaft was com-well defined width of two and a half feet. menced, and at a depth of 12 feet a lode of The matrix of the vein is made up of quartz copper, two feet wide was developed. These fy specimens from each point promiscuously

Experience in other mining districts have commence removing the ore with but two firmly established certain facts which lead to men, as a very considerable amount of labor a direct understanding with reference to must necessarily be expended before mining many of the contingencies in connection with copper lodes, and veins; and analogies for This vein was traced easterly but a short the solution of neighboring cases have been distance, owing to the inequalities in the drawn with a degree of certainty seldom the knife. The Indiana use it as pipe stone,

-principally stunted spruce, pine, aspen and strip of wet, swampy land skirts the coast clothed with cedar, spruce and tamarac; mediately in the rear of which, the hills slope

it is believed, furnish all the water required.

But little arable land will be found upon this location; the islands for the most part south side of Spanish river, three miles east,

La Cloch Locations. The two remaining locations will be found about thirty-five miles east of Spanish river, situated equally distant upon either side of the mouth of White Fish river, and embracing four miles in extent of coast.

The lateral lines take their course due north five miles, and from thence easterly, parallel with the general direction of the coast four miles, embracing a mineral tract of twen-

ty square miles.
The "Wallace Mine" appears upon the coast about one mile west of the mouth of the White Fish river, near the centre of the west location, exhibiting one of the most favorable developments of copper ore yet discovered upon Lake Huron. The vein was first discovered by a peculiar depression which marks About one mile easterly, following the may be said to bear a striking analogy to one the surface, and the green carbonate of copsouth shore of the island, a vein of copper which has been opened upon a location six per which characterizes the face of the rock throughout a width of eighteen feet.

It was subsequently continued west, across a small bay, entering a cliff of porphyritie tray, through which it was traced nearly half a mile-the yellow sulphuret of copper being taken at an elevation of one hundred feet above the water, as well as at every intermediate space where the surface was sufficiently exposed to indentify its existence. The width varies from nine to sixteen feet, the south wall being well defined and uniform, the north more irregular and sinuous in its course, giving rise to the changeable width before mentioned.

From the point where the shaft was sunk. westward, the matrix of the veins is composed of chloritic slate, which readily yields to and the marks of their hatchets are seen upon Shining argillite is found massive in this the vein wherever it is exposed. Portions of and was traced nearly one quarter of a mile ances worthy of further investigation.

The timber upon the Spanish river location responding with the main vein; all alike the foot of the cliff is strewed is mostly of an interior growth and quality carrying valuable quantities of yellow ore:

veinstone, and the nodules of copper were in pine clinging to the crevices in the rocks, not furnished. creased in size, frequently exposing several a green thing appears upon their surface, the cubic inches of pure sulphuret. Should the heights presenting as barren and desolate an there will be found the finest harbors, securesame relative change characterize the lode in appearance as may well be conceived. its descent, which, by the way, is highly probable, a depth of twenty feet will farnish ore above the stream, upon the south side of the vessel navigating the lake. in quantity and quality unequalled upon Lake mountain, and situated about two miles in a

intermixed with yellow sulphuret of copper. ease.

These two minerals occur in small ramified In present the first discovery of the kind of any miles, two veins were discovered—one of 10 mining enterprises, with an equal prospect of

marked alteration seems to exist in veins of which by the miners is called mundic, was known. A large proportion of my time was pure sulphuret, instead of being distributed found very abundant upon the surface, and unavoiduably taken up in the transmission of

The specific gravity of the ore of the above the lake.
"Wallace Mine" is very considerably beanalysis of Professor Hadley, it will be found falls, and continues without interruption, as more productive than any of the ores upon far interior as my examinations were ex-

One great advantage this mine possesses over others is, the ease with which it can be company, lies immediately to the east, and terests of the company. worked. As an illustration of this, one drill, adjoining the one above described. But a without sharpening, bored tour feet of hole. very short period was allotted for the exami-Now, in veins where the matrix is composed nation of this tract; sufficient, however, was of silex, two dozen are not unfrequently re-quired, with four times the amount of labor veins of yellow sulphuret of copper. They expended to accomplish the same rosult. This are found under the same geological relations is regarded as too important an item to be that constitutes the prevailing rock upon the overlooked; as profitable mining to a cer- west location. tain extent, depends as much upon the ease and facilities afforded for working the veins, pany, in securing this tract, have the entire as in abundance of the ore.

slopes irregularly away, presenting frequent fisheries on lake Huron-three feet of water bare knobs of granitic trappose rocks, both it is said can be carried up the falls oue and of which are traversed in an oast and wester a quarter miles from its confluence with the ly direction, by veins of quartz, affording su- lake. Here the river is contracted between perficial appearances worthy of further in- high ledges of rocks; and in the distance of vestigation.

and a half miles interior, gaining an eleva- the finest water privileges possible. tion of some three hundred feet, when, falling to the north at a high angle a deep valley is river flows between banks, elevated from 8 to formed, through which a small stream, one ten feet, upon either side of which, hundreds of the tributaries of White Fish river flows, of acres of white alluvial lands are spread at station forty-nine of the line recently sur-

taining an altitude of eight to nine handred feet above the lake and presenting an exceed- exceedingly heavy and thrifty growth of Rogers' or Town branch. sugar maple, with a few large scattering From this point, the route, taking the di-

mountain, and situated about two miles in a northerly direction from the "Wallace Mine," furnish an accurate statement of the advan-A short distance eastward of the shaft, a a bed of red hæmatite was discovered. This tages as well as surface description of the distinct change takes place—the veinstone is either entirely lost or overlaid by quartz.

The junction is plainly marked by a low cliff of quartz diagonally crossing the vein, in which both cobalt and nicked are found table or stair, and can be worked with great the same of ired nathathe was discovered. This ages as well as strict description of the different veins embraced within the boundaries of the location which, by my recommendation, have been secured to the Upper Candalian which both cobalt and nicked are found table or stair, and can be worked with great the same of the location which, by my recommendation, have been secured to the Upper Candalian which both cobalt and nicked are found table or stair, and can be worked with great the same of the location which, by my recommendation which both cobalt and nicked are found table or stair, and can be worked with great the location which, by my recommendation which because the location which, by my recommendation which are same of blood stone, and at times has brought very high prices. It occurs upon a location which, by my recommendation which with the location which with the location which with the location which are same of blood stone, and at times has brought very high prices. It occurs upon a location which with the location with the location which with the location with the location which will be a location which with the location which will be a location which will be a location which will be a location which

practical importance made in this mineral district.

Aside from the occurrences of nickel and "Wallace Mine," having parallel courses Huron.

Cobalt in the silicious vein-stone, the only and veinstones of chlorine. Iron pyrites,

Of the interior comparatively but little is

yond that of the ordinary sulphurets of Lake the north by a trap formation, as seen upon tion, will lead to the discovery of veins, equal-Huron; and by reference being had to the White Fish river, about two miles from the ly as valuable as those already examined. tended.

The remaining location belonging to the

In addition to its mineral deposits, the com-In receeding from the coast, the country which, it is said, furnishes one of the best 100 yards, over three successive shoots falls This formation continues uninterupted one in aggregate about 30 feet, affording one of

washing the southern base of the La Clock out, which are susceptible of the highest state

A shaft was sunk to the depth of six feet, which produced the ore sent you. At this short distance beneath the surface, an exceedingly favorable change was remarked in the mineral production of the vein. The ore was more thoroughly disseminated through the

At both Spanish and White Fish rivers, ly sheltered from all storms, and a depth of At a point in the neighborhood of 300 feet water sufficient for the safe admission of any

Their appearance, in connection with the samples of ore furnished therefrom warrant In following eastward near the base of the me in believing, that no greater inducements veins adjacent to the southern wall rock, and mountain, in a distance of one and a half are held out for the elistment of capital in

in prills or nodules as was observed in the in one instance particles of yellow copper news to and from the Saulte Ste. Marie, and vein where chlorine predominated. were discovered, at elevations of 500 feet in the conveyance of provisions, tools, etc. It is therefore confidently believed that subse-The La Cloch mountains are flanked on quent enquiries, and a more minute examina-

Here I beg leave to acknowledge the obligations I am under to my assistant, R. J. Gravernet, Esq., who, upon all occasions, has exerted every effort to forward the in-

Very respectfully, your ob't serv't, T. W. Bristol, Agent U. C. Min. Co., Lake Huron. Hamilton, C. W., Nov. 25, 1847.

Southwestern Railroad.

Report on the Preliminary Surveys and Estimates for the Southwestern Railroad, from Macon to Fort Gaines, on the Chattahoochee river, and the Gulf of Mexico; with Branches to Columbus and Albany. By F. P. Holcomb, Civil Engineer.

Engineer's Office, S. Western Railroad, Macon, November 27th, 1847. To Elam Alexander, Esq., Chairman of the

Commissioners, Southwestern Railroad. Sia :- Having performed the duty of making the preliminary survey and estimates for the Southwestern Railroad, entrusted to my care, it becomes a further part of that duty to submit the following report:

DESCRIPTION OF THE ROUTE.

The survey commenced in the Perry road. veyed for the extension of the Central railountains. of cultivation, and will, when cleared, pro-Immediately to the northward the moundace all the grains and vegetables necessary from the Market house in Macon, where that tains rise in abrupt, and precipitous ledges at for the support or any required mining force, survey had its commencement, and a short This intervale land is now clothed with an distance beyond a small stream, known as

grounds, or levels, of the Osmulgee river; southern side of the Tobasauskee. being, however, not much less elevated than The line is carried, after leaving to the ground on which the lower part of the up the hollow of a small branch coming into city of Macon is situated. The ground oc-the creek at this point from the south, which cupied by the line continues of this character has its head near the Hawkinsville road, the way of an economical line, would present Chestnut Branch—the line, in its progress gate. From this hollow, the line passes by

ment of about thirty feet in height will be the road to the creek. necessary, but not of such length as to rentil the summit of the table-land, in question, is reached, about half a mile to the left, or east, of Mr. Beddingfield's, and near what is known as the White Pond. In attaining this summit a cut of twester feet becomes the return of the route, have been made since the return of the route, for the expedient of carrying the line up the made since the return of the route for the specific transfer. this summit, a cut of twenty feet becomes ne-cessary, but by passing the line through the survey of the main line, and with reference Branch, comprise the heaviest work between is now engaged in grading on this part of the the city of Macon and Tobasufkee, and line, having commenced on the 13th instant. which is sufficient evidence of the practicacost.

a depression at its southern extremity, and a warrant of the rapidity with which the work soon falls into a hollow, making up from undertaken by them, will progress. Wise's Branch, by which, and the branch in question, the line is conducted to the Tobas attaining the east prong, or rather hollow of warrant, will lead to a considerable improve-aufkee creek. The meanderings of the Collins' branch, for it is hear dry, the line ment in this part of the line. This point is branch. however, render it necessary, having pursues it to its head, where the summit be two hundred and thirty one feet above the regard to proper alignment, to cross it at two tween the Tobasauskee and Echeconnee is creek, and five hundred and eleven above tidedifferent points.

causeway; and in its course across the swamp as having been located. is nearly parallel to it, or south two degrees, forty-five minutes east. With reference alone straight course to the Echeconnee, over have been sufficient; but this matter required to be settled entirely by the grade, to support which, at the maximum which has been an instrumental examination, than might have stream to near its junction with Mossey creek, down to about eight feet, and again runs up whatever of an unfavorable character may at on the southern side to twenty five feet. The tach to this part of the line. swamp at this point is found to be four thous wider than the swamp proper, where it is of the embankment is governed by the grade, read; as if successful, a saving in distance—crossed by the causeway; but if the second without reference to high-water mark—to perhaps not very considerable, however—low ground, at that point, but slightly eleva-support which, both in the approach of the would be effected.

Troup's Hill. This part of the line might while the former affords superior advantages be described as occupying the second low to the latter in reaching the table-land on the

This latter stream seemed to hold out in-From this point, which is about two and out its whole length, and a careful examinaducted along it at the maximum rate of as. found by careful comparison, based upon accent (which will be alluded to hereafter,) un. tual estimates of cost, that this route had litpond, (which is frequently dry,) it is rendered to the definite location of a portion of the of moderate length; and which need not line, for the purpose of immediate commencehave been particularized here, but for the ment of operations on the road. And it gives fact that this cut, and the fill at the Chestnut me pleasure to add, that a considerable force

The skill, industry and perseverance, bility of this part of the route, at a small which so eminently characterize the gentlemen who have had the honor of first break-The line passes out of the White Pond at ing ground in this important enterprise, are

After crossing the Hawkinsville road, and reached. In crossing this summit, a cut of The point at which the line reaches the moderate length, but about thirty-three feet

to high water mark, an embankment across ground highly flattering to the eye, being of the swamp of from six to eight feet, would a character similar to that traversed by the the line and the New Rest road, to Mule adopted, it becomes necessary to embank on been anticipated-but which, however, prethe northern side of the swamp, to the height sents no serious difficulty. Farther examiof twenty feet, which, near the middle, runs nations will remove, it is confidently believed,

and feet, or about three fourths of a mile, in mile below the bridge, on the Perry road, is believed advisable, that they should be rewidth. This is about eight hundred feet and, as in crossing the Tobasauskee, the height newed previous to the final location of the

rection south twelve degrees thirty minutes ted above the swamp, and which would rewest, leaves the Perry road to the right, as also the elevated and somewhat broken ground ty feet, be taken into account, there is but litthough but about half the length of that in over which that road passes southward of the difference between the two crossings—the Tabasauskee swamp,—or a triffe over one-third of a mile.

At this point, and in attaining the summit of the table land, lying between the Echecon-The line is carried, after leaving the swamp, nee and Mule creek, it was forseen from the up the hollow of a small branch coming into result of the surveys for the Columbus exthe way of an economical line, would present until a small stream is reached, known as about three fourths of a mile from the toll-themselves, rendering in all probability, this part of the line the most expensive portion to this point, passing through the plantations of Dr. Thompson, Mrs. Brown, Dr. Germon and Mr. Parker.

gate. From this hortow, the line passes by part of the line the most expensive portion of the route, for the same distance; and the low, of Collins' Branch—which will be result of the preliminary survey has shown membered as crossing Perry road, near the that these apprehensions were not without membered as crossing Perry road, near the that these apprehensions were not without In crossing Chestnut Branch, an embank. toll-house, and pursuing a parallel course with some foundation. The table-land in question presents features somewhat peculiar to itself -for while it is elevated two hundred and der it a work of any considerable magnitude. ducements for the line to pursue it through thirty-one feet, which elevation is reached but a short distance from the creek, it affords not three-fourth miles from the market house, the tion of it was made with this purpose. In a single tributary to the Echeconnee, by purline bears to the right, and attains the slope this event, the line would have crossed the suing which, the table-land might be attained, of the high ground, or table-land, and is con- swamp near the causeway; but while it was from the mouth of Juniper creek, (which is too high up for the present purpose,) where one line (afterwards abandoned) of the late

The expedient of carrying the line up the creek, along the slope of the hill, was therefore adopted, until a sufficient distance could be attained, to overcome at our maximum grade, the elevation in question. For this purpose an embankment of thirty feet in the Echeconnee, as before alluded to; was assumed, and the line then carried up the south side of the creek, along the hill side, crossing the Perry road near Mr. James Glosson's, and leaving it to the left, until the summit is finally reached with a cut of forty-five feet, and about one-fourth of a mile in length, in the doubt, a more minute examination of the ground, than the time then at command would water.

A short distance beyond Mr. Gray's, the The point at which the line reaches the creek swamp, is about two thousand feet, or a trifle over a third of a mile, below the causeway; and in its course across the swamp been located.

A short distance beyond thir. Gray s, the creek swamp in depth, becomes necessary; and which is embraced by that part of the line alluded to, as having been located. It soon reaches the head of a dry hollow, nearly three miles in length, and very direct in its course, which is pursued in common by leaving the somewhat elevated ridge of land which divides these creeks, entirely on the right. Some examinations were made with reference to carrying the line across the ridge in question; and although these examinations The Echeconnee is reached about half a were not attended with entire success, still is

ried along the slope of the hill, at the maximum rate of ascent, crossing the Fort Valley road between Williamson Mimms' dwelling and mill. Here reaching a hollow coming into the creek from the south, it is conducted by it to the summit of the table-land on which with a cut of twenty-five feet.

The line, as will be perceived, is here on the right, or west, of the Fort Valley road. Continuing upon the same side, and not very distant from it, the survey is carried over favorable ground to Fort Valley.

At this place, and in its neighborhood, a very lively interest in the enterprise was manifested; and it may not only be expected to contribute largely to its construction, but also much towards its future support and prosperity, by the amount of business which will seek the road at this point.

same point. Big Indian is crossed with a fill ly down to the mouth of Beaver creek. A the run of Beaver creek, where the line of thirty feet, but the valley is hear so nar-stream, known as Johnson's Mill creek, it is comes in contact with it. An island of the left, along the crest of the hill, bordering the but their appeared to be but small hope of its upwards for more than half a mile, is in the creek, until a second hollow or valley, (form- affording a favorable, or even practicable line. Beaver creek.

From Macon to Big Indian, comprises the most difficult and expensive part of the line; though I would have the terms difficult, and expensive, understood as only used in comparing it with the remainder of the route, and as not applicable to that part of the line in

After crossing Big Indian, it became necessary to consider the best route by which to reach the Flint river. Two routes presented themselves. The first of these was by the valley of Beaver creek, which would conduct the line to the Flint, about one and a half miles above Traveller's Rest. The second was to leave Beaver creek and its tributaries entirely on the right, and skirt around upon the ridge, dividing the waters of Beaver creek from those of Big and Little Indian, Mill and Horse Head creeks. By pursuing this latter route, the survey might still have reached the Flint at, or near the mouth nine hundred feet above the bridge over Bea. bankment and bridging. of Beaver creek; or might have dropped still ver creek, on the river road, and something lower down, reaching the Flint near Travellower down, reaching the Flint near Travellover a mile from Traveller's Rest. The diler's Rest, or below. A careful reconnoisance rection of the line is here westward, differing and below the mouth of Buck's creek, about showed that the features of the country were from its general course down the creek, which three-fourths of a mile, and near the mouth such as to admit of a favorable line by this is nearly south. The change from the south of a small stream, known upon the maps as route, and the question, therefore, resolved it ern to the western direction is, however, gra- Buck Head, and by the inhabitants as Mill self mainly into one of distance; and as the dual, and the sudden bend falmost or quite a creek. This stream is crossed by the line a

Having reached Mossey creek, the line is Beaver creek line was believed to have con-right angle) shown on Bonner's map-and carried up the valley of that stream, on the siderable superiority on this score, other in justice to him and his excellent performnorth or left side of it, to near where the creek things being equal, it was of course adopted. ance, I should say, on the district maps also is crossed by the New Rest road, where the The superiority of the Beaver creek route —is not found to exist. line also crosses. Skirting along between the over the other, in point of distance, which had been at first a matter of opinion, was, in the further progress of the survey, placed be-river, is a trifle over half a mile; and the yond doubt.

which, in my opinion, is the true route for connection with the fact, that the width is less Fort Valley is situated, which is attained the road, not considered, however, as a questhan either at the Rest ferry below, or Rushtion of cost, perhaps, so much as which will ing's ferry above, it is almost a cause of won-afford the greatest revenue to the road when der this point had not been selected as a site completed,) the latter route might have laid for a ferry. claim to the same preference on the score of distance, which has been awarded to the which I have to allude, in reference to the Beaver creek route in this instance.

lieved, even to attempt. An elevated table bably be more objectionable than crossing the land lifts itself suddenly and boldly above the creek—especially as a considerable space Still keeping to the right, or west, of what land lifts itself suddenly and boldly above the creek—especially as a considerable space now becomes the Traveller's Rest road, the river, having its commencement a short dis will be required for the passage of the river line reaches Big Indian creek, near where it tance below the point where the survey for in time of freshets; and it can make but lit-is crossed by the road in question, and cross-the Columbus extension of the Central rail-the difference whether, as regards the expense, es both the road and the creek at or near the road reaches the Flint, and extending entire- this occurs on dry ground, or is thrown over row as to render it a work of no consideratrue, cuts its way through this table land, river, which is a short distance on our right ble importance. The line then bears to the and falls into the Flint river above Lanier— where the river is crossed, and which extends ed by another prong) of Big Indian is cross- Still I am not prepared to say that this sub- to avoid crossing Beaver creek. This island ed, about one mile from the first; when the ject will not deserve further examination— is low, sandy and unstable, showing eviden-line pursues, over ground admirably adapted though I cannot promise much hope of sucto the purpose, a direct course to the head of cess. Besides, this route would deprive Dooly besides having to cross both channels, and-

river, the line after passing near Mr. Wil liam Felton's, whose place is known on Mr. Bonner's map, as Marshallville, soon reaches fact, as the estimates for grading will show, the west prong of Beaver creek, and is car-mouth of Buck's creek, which comes into the to the junction of the two branches, near Low's mill; where the west prong is crossed. ening the line. The line is thence continued down the west side of the valley, over ground affording a miles and a half, which a located line will highly economical line, to the entrance of the reduce to forty-eight miles at most. creek, into the Flint river swamp.

The first two and a half miles of the deof the distance, the grade descends with the March freshet of 1841-the range of which easy inclination of the creek.

whole width of the swamp, on both sides of Had the citizens of Perry, by some exertion on their part—but in which their neighbors of Fort Valley have so far excelled them ly favorable, being a high, open and firm secured the route past that place, (and swainp, or rather hammock, that, taken in

The only unfavorable circumstances to passage of the line over the Flint river, is an By reference to the map, it will be observe unfortunate bend, or sweep, made by Beaver ed that a more direct line would be obtained creek in the river swamp, which I fear will by crossing the Flint considerably above the subject the located line, should this crossing mouth of Beaver creek; but the obstacles be selected, to the necessity of crossing the presented in the features of the country which creek twice. The line as run, leaves Beaver would be traversed by such a line, were too creek entirely to the left; but this subjects us many, and too evident, to warrant, it was be- to a curve in the swamp, which would proway of throwing the line to the right, so as county, in a great measure, of participating ther disadvantage would arise from the fact, in the advantages of the work.

The route down Beaver creek, having been selected as the most eligible route to the Flint whole distance across the swamp would also be increased.

To run so much to the right as to leave the island below, would throw us above the ried along the east or left side of the creek, Flint on the west side, and involve the necessity of crossing that creek-besides length-

The distance to the river is forty-eight

A short distance from the river the high land is attained, and the line carried beyond scent of the valley of Beaver creek, is made the reach of freshets. The swamp was at the maximum grade. For the remainder found to overflow about eight feet in the was pointed out to us, and carefully noted for The line enters Flint river swamp about future use, in adjusting the height of the em-

now takes the general direction north eighty-cessarily occupy, being so nearly occupied and is therefore only guess-work. But by five degrees west, bearing rapidly away from the last mentioned stream to the right, and attains at once the ridge between Buck Head the line immediately along the road. This it is found to be forty miles; and it is confiand Buck's creek—the moderate elevation of course was therefore adopted, and the line dently believed, that the excess of five miles which, near the river, consisting of a sort of carried along the Pondtown road to Burton's, (the distance being called forty-five miles)

four miles from the river, is of considerable the same ridge, except that a short distance Columbus extension of the Central railroad width, and so uniform in its cross-sections- below Pondtown, the head of Camp Creek being ninety, shows an excess of only six while but gradually increasing its elevation, (or White Water) is passed, and a short dis- miles in eighty-four; and in the same ratio, as to admit the line being thrown upon any tance above the same place, it becomes the would make the distance from Pondtown to part of it, which may most favor its direction. About five miles from ihe river, howMuckalee, on Bonner's map,) and Buck's the nearest point of the line to Columbus, as ever, the ridge becomes narrower, and more creek. I may as well notice the fact, that distant but thirty-five miles; and it is beclearly defined, and limits the choice of to pursue a direct course, the line would pass lieved, that a branch to Columbus can be had ground to a narrow strip or belt, having on the right, steep and abrupt hollows making into Buck's creek, and on the left, hollows of Buck Head, though less abrupt in their descent than those on the right. While the former, therefore, will require a strict adherence of the former, therefore, will require a strict adherence or north of Pondtown, instead of half a mile of the former, therefore, will require a strict adherence or north of Pondtown, instead of half a mile of the former, therefore, will require a strict adherence or north of Pondtown, instead of half a mile of the former, therefore, will require a strict adherence or north of Pondtown, instead of half a mile of the former, therefore, will require a strict adherence or north of Pondtown, instead of half a mile of the former, therefore, will require a strict adherence or north of Pondtown, instead of half a mile. The former of Pondtown and runs a norther year of the former or north of Pondtown, instead of half a mile. The former or north of Pondtown instead of half a mile of the former or north of Pondtown, instead of half a mile. The former or north of Pondtown instead of half a mile of the former or north of Pondtown and runs a norther year of the former or north of Pondtown, instead of half a mile. The former or north of Pondtown and runs a norther year of the former or north of Pondtown and runs a norther year of the former or north of Pondtown and runs a norther year of the former or north of Pondtown and runs a norther year of the former or north of Pondtown instead of half a mile. The former or north of Pondtown and runs a norther year of the former or north of Pondtown and runs a norther year of the former or north of Pondtown and runs a norther year of the former or north of Pondtown and runs a norther year of Pondtown and runs a rance to the ridge on that side, the latter may alluded to—to head which, by pursuing the luded to are common, and occupy the same occasionally be crossed a short distance from ridge, involves a loss of distance of some ridge upon the south side of Buck's Creek, proved by such a course.

haps sometimes level grades. This portion of the line will not be objectionable however, on the score of curvature. In profile, the ridge continues to present the same features was found to be at an elevation of 300 feet, alluded to, as characterizing it at first, until a above the Flint, and 578 above tide-water. alluded to, as characterizing it at first, until a above the Flint, and 578 above tide-water. here) still preserving the same identity as to point is reached where the roads from La- Having reached Pondtown, it became ne- the ground occupied, for a short distance fur-

road, and a short distance below Mott's, a vey in a westerly direction, would not be at point is near the intersection of Marion, somewhat sudden depression in the ridge is tended with detriment to the South Western Sumter, and Stewart counties, and nearly due encountered: which is the first point invol-line, while it would further lesson the dis-west from Pondtown. ving much expense this side of the Flint,—tance to Columbus. The ridge here becomes narrowed down to The question soon narrowed itself down out inducements, would continue down Boon's scarcely a hundred feet in width, (with an to two routes, either of which would preserve branch to its mouth, and thence following

been reached beyond this depression, the line This, it will be observed, is but one-half the west, which would conduct the line to the runs upon the left hand of the road for a distance from Columbus to Barnesville. It summit, between the Muckalee and Lannamile and a half, to Mott's plantation, where should be stated in this connection, however, that the distance from Pondtown to Colum hassee, the line would reach the Kinchaman the road is again reached.

short distance from its mouth. The route and the crest of it, which the line would ne tance is deduced, has never been measured.

line, carrying us about half a mile to the upon the map in a straight line, is eighty-The ridge between the two creeks for some right, or north of Pondtown-still following four miles, and the length of the line for the their heads, where the alignment will be im-proved by such a course. would more than counter-balance the difficul-from the Flint river, a distance of some As the ridge decreases in width, curves will become of more frequent occurrence, and occasionally perhaps, of a minimum radius—though occurring upon easy, and perhaps of the road, this matter might be deserve attention. The distance to Ponditively on our left; and the crossing of that town, or opposite that place, was found to be creek, together with some of its tributaries, together with some of its tributaries,

nier and Traveller's Rest intersect, near a cessary to consider carefully the best direction ther, taking a south-west direction, soon point marked upon the map, as "Martin's;" for the continuation of the line, and the most reach the head of a small stream, known as where the ridge changes, as I may say, its name, and in some degree its character— that is, it becomes the dividing ground bethat is, it becomes the dividing ground between Buck's creek, and Sweet Water, or (provided the further prosecution of the line and crossing the branch, and the spur of land what is known here as Camp creek, and pre in that direction, should be at the expense of in the fork between it and the Big Muckalee, sents a more undulating surface or profile. the Southwestern line) had been reached, the attains the eastern slope of that stream, and At this point, the head waters of Buck Head question appeared to rest principally upon is carried up it, in the general direction, north have of course been passed. At the junction the features of the country; and the route sixty degrees west. At the same time that the of the roads in question, the distance from which would afford the most eligible and bed of the creek is ascending, the grade de-

About seven miles from the Pondtown at was, that the further prosecution of the sur- ing, therefore, a favorable crossing.

From this point, the ridge is so narrow, bus by the highway, from which this dis-foonee at the mouth of the former stream.

second low lands at first, and thence gradual where the road to Columbus forks.

Will fully cover the difference. The disthe reach of the grade, faThe Columbus road is then pursued by the tance from Macon to Columbus, measured

The routes, (if I may so speak of them reach the head of a small stream, known as Traveller's Rest is seven miles, from Lanier economical line, was therefore to be prefered. scend at the maximum rate, until we are able twelve miles, from Pondtown, eleven miles.

To arrive at any conclusion on these to cross the creek about three-fourths of a From this point for some miles the line de- points, involved the examination of a conside- mile above the mouth of Boon's branch, and parts but little from the road; but frequently rable scope of country. This duty was per a short distance below Frasier's Mill, with a shifting its position from one side to the formed as thoroughly as the time at comfill of twenty five feet. The valley is here other.

The valley is here quite narrow, and the slopes abrupt, afford-

The other route alluded to, as having held abrupt hollow, of Buck's and Camp creeks, on either side) on top of which, for a little distance, a fill of thirty feet will be necessary. The summit of the ridge having again thirty-seven and a half miles from that place coming into the Muckalee from the southvorable, and indeed this route was at first preferred. But before reaching the point on Boon's Branch, where the two routes diverge, a different conclusion was arrived at. This was in consequence of a more extended reconnoisance on this route, bringing to view different was in consequence on the route, bringing to view different was a routed at the route involved us in a grade, which finally brings the line to its head of the tributary or branch in question, and descending to the kinchafoonee at our maximum rate of grade, portion of the distance, at our maximum grade, which finally brings the line to its head with a cut of twenty-five feet. difficulties that would be encountered on the feet, and of course rendering it impracticable At Richland, which place the line passes other side of the Kinchafoonee—by adopting at a reasonable cost. This disappointment immediately through, the ridge dividing the what may be called the Lannahassee route. These difficulties consist principally in crossing Bear Creek; and its tributaries, which it
was believed might be entirely avoided by a
singular obstinancy—if I may so express
left, and those of the Flint and the Chattahoochee,
instead of taking the inclination of the creek,
falling into the Kinchafoonee, being on the
was believed might be entirely avoided by a

might present some small advantage on the in elevation between the two. score of distance, provided ihe Buck's Creek But a ready expedient was ridge was left at or near Pondtown; but this, as already stated, would involve the crossing of the Little Muckalee, and some of its tri the creek, might with certainty be effected, Lumpkin 82 miles. butaries, which it is believed would counter- at a moderate cost. This consisted in runbalance any small saving in distance, that ming down another and more lengthy tribudirection, along the ridge above alluded to, might be the consequence—especially if the fact, that the distance to Columbus would be Creek, heading on the western slope of the tinuance of the line upon it until the close of very much increased, should have any weight same ridge, six miles higher up, and falling the survey; and will continue to offer inducein the decision. In the final location of the into the Kinchafoonee about two miles above ments in its further presecution. line, it may be best to review these questions, the mouth (of course on the opposite side) of and submit the merits of the different lines Slaughter Creek. This stream affords suffithat may claim attention, to the test of actual cient distance to make the descent certain,

mile below the mill. For some distance the short embankments. line lies from two to three hundred yards from the creek, on its northern slope, which route has been made, farther than to ascerthis matter in view, has been extended over affords a highly favorable route, until at the distance of about a mile and a half from the notes of the line surveyed afford,) to-portions of Stewart, Randolph and Lee counnortherly, and to follow up a small branch coming in from the west. In crossing Wat-ley's Creek we are involved in a fill of about the Muckalee and Kinchafoonee-having the greatest variation will occur. the extreme head hollows of the Lannahassee

again resumed; the line now pursuing the ment, as also all others, where it is thought could be done for an average of \$2,000 per ridge between the Lannahassee and Kincha-advisable to depart from the line as surveyed, mile-if not for a less sum. foonee.

to that creek could be undertaken under as flow, or in any other particular. slope of the ridge in question, and running whole, an eligible route. About two miles country,—which becomes more flat, and the into the Kinchasonee opposite the mouth of Slaughter Creek, the line streams less depressed beneath the adjacent the means of effecting this descent. The re-tributary of Slaughter creek, coming in from easy accomplishment.

Thus far, this route would be thighly fa-|sult disappointed our hopes-at no time, how-|the south-west, and having its head within a different route, which was therefore adopted, and to which your attention has already been drawn as far as Frazier's Mill.

singular obstitution—It has a fall of but into the Chattahoochee, on the right. The about nine feet. This, taken in connection elevation at this point is found to be 598 feet drawn as far as Frazier's Mill. It is possible that the Lannahassee route widened, instead of diminished the difference miles, which of course a location of the line

But a ready expedient was at hand, and of the adopted line, from Frazier's Mill.

From this point, the line pursues the valley of a small stream, called Watley's Creek, which empties into the Muckalee, half a lowered to the survey according to the survey accord

No instrumental survey of the Fox Creek Muckalee, it becomes necessary to cross the gether with the distance The time at com- ties. The country appears to present two creek, the direction of which is now too much mand was thought insufficient for an actual different routes.

on our left, which stream is consequently map intended to be lodged in the department 20 miles, it is unsurpassed in the facilities it avoided by this route. I think I risk little, At this point a south-westerly direction is Act of Incorporation, embraces this improve- in the expression of opinion, that the grading

file it was hoped that it would be found to chafoonee swamp was found to be about half that of the Kinchasoonee; so that the descent difficulties, either as to the depth of the over-

would somewhat reduce. The distance is posted by the highway 100 miles. The dis-

From Richland, the line takes a southerly

Having reached a point where the ridge between Bear creek and the Ichawaynochaway branches off, about seven miles south of vestigated as fully as the time at command would permit; and a reconnoisance, having

forty-five feet for a short distance, when the entirely unnecessary to the present purpose, and the Ichawaynochaway, would not necesground is again favorable, and continues and a half will be the greats arily cross a single water course in the mainly so, to the head of the branch in question, by which we reach the summit between the s if a located line would reach 45. So far as The line as projected or located on the this route has been examined, which is about

once.

This brings the line to the Kinchasoonee, Another route, would diverge near the down which the route, as proposed, would upper line of Randolph, pass near Brooksthis ridge, for the distance of about eight run, to opposite the mouth of Slaughter ville, and running down the ridge between this ridge, for the distance of about eight tun, to oppose the condition of the Little and Big Ichawaynachaway, final-chafoonee swamp was found to be about half ly cross the latter stream, and the Chickusahave a regular inclination, at least equal to a mile wide, but presenting no considerable whachee, and pursue a direct route to Albany. The distance would be somewhat in favor of this route, say by two or three miles, and the favorable circumstances at one part of the The line then follows up the southern side country would, upon the whole, be favorable ridge as another. A small tributary of the of Slaughter Creek, between the base of the —as after passing south of Stewart county, Kinchafoonee, having its head in the western hill, and the swamp, affording, upon the a change takes place in the features of the



MAF

of the Route Surveyed

For the

Southic-Western

From

MACON TO THE CHATTAHOO

Exhibiting it in connection with the Centre the proposed extension to the Gulf of its relation to most of the Southern imp

Surveyed by

F.P.HOLCOMB

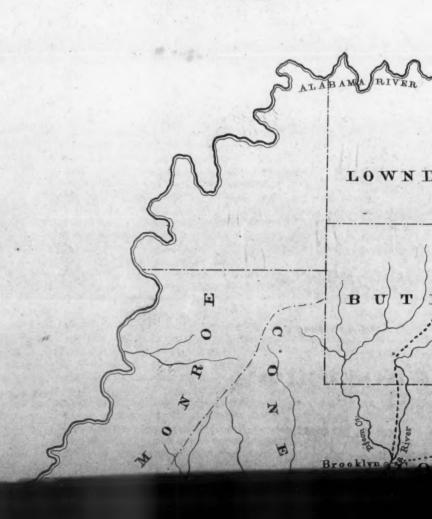
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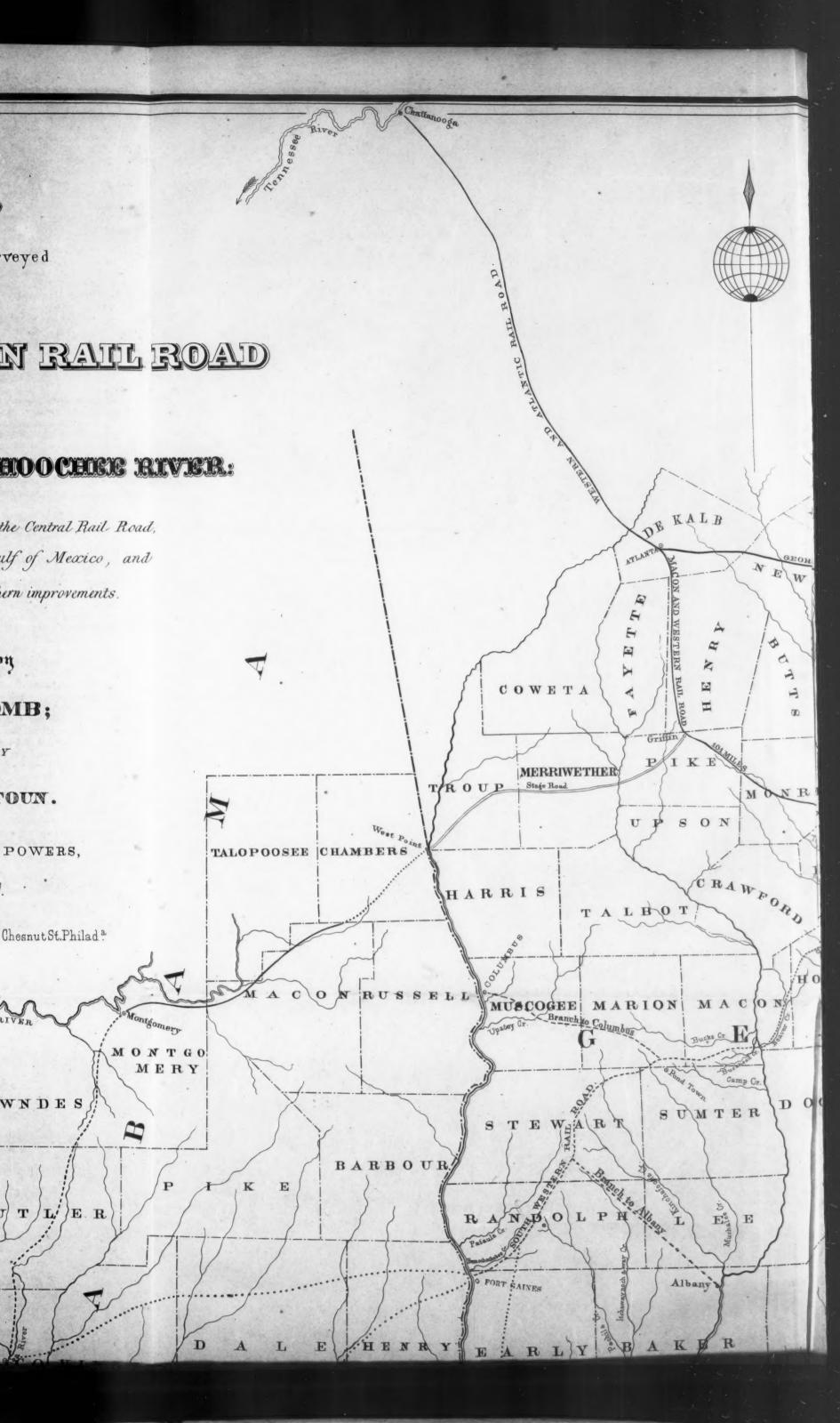
J.W.HOUSTOUN

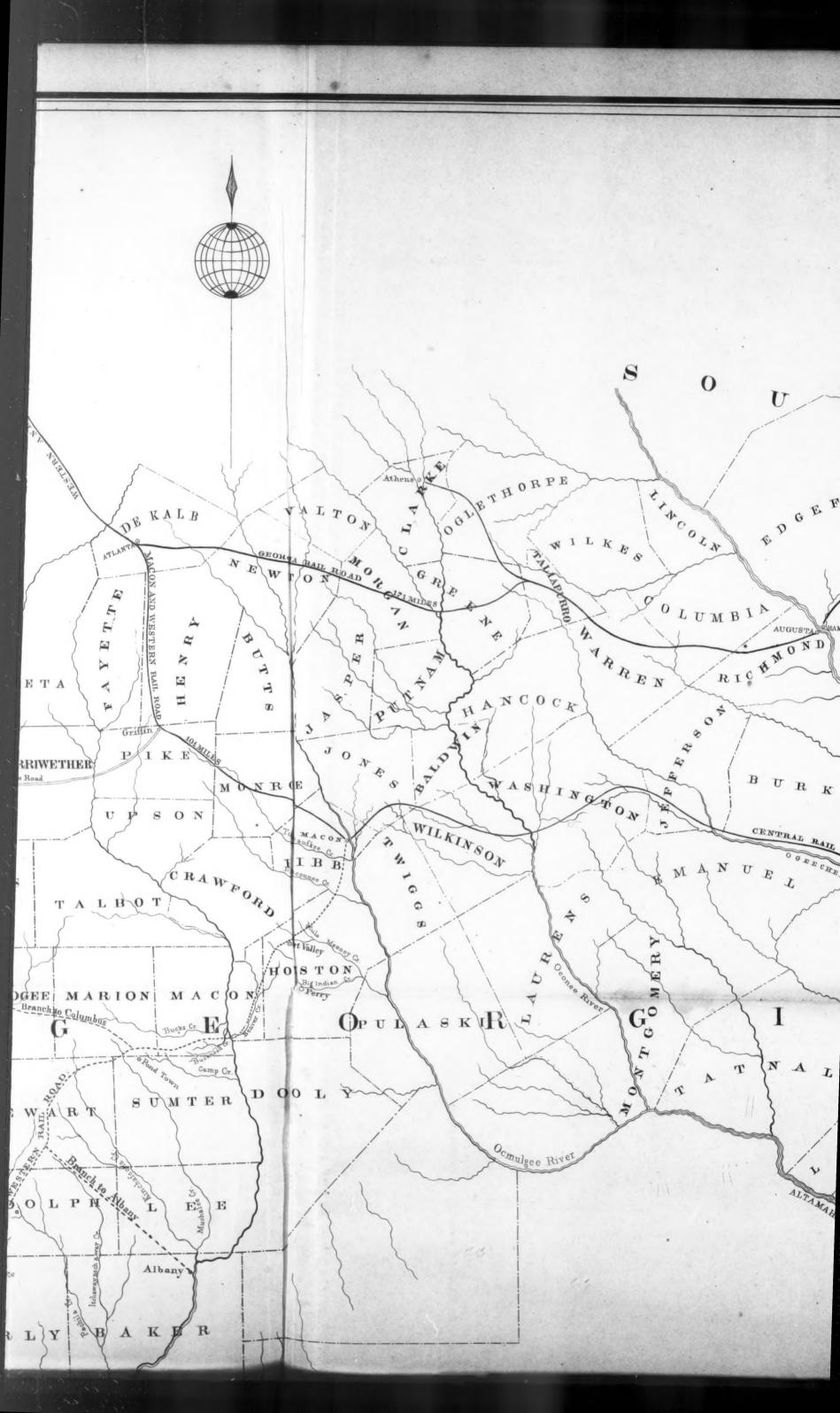
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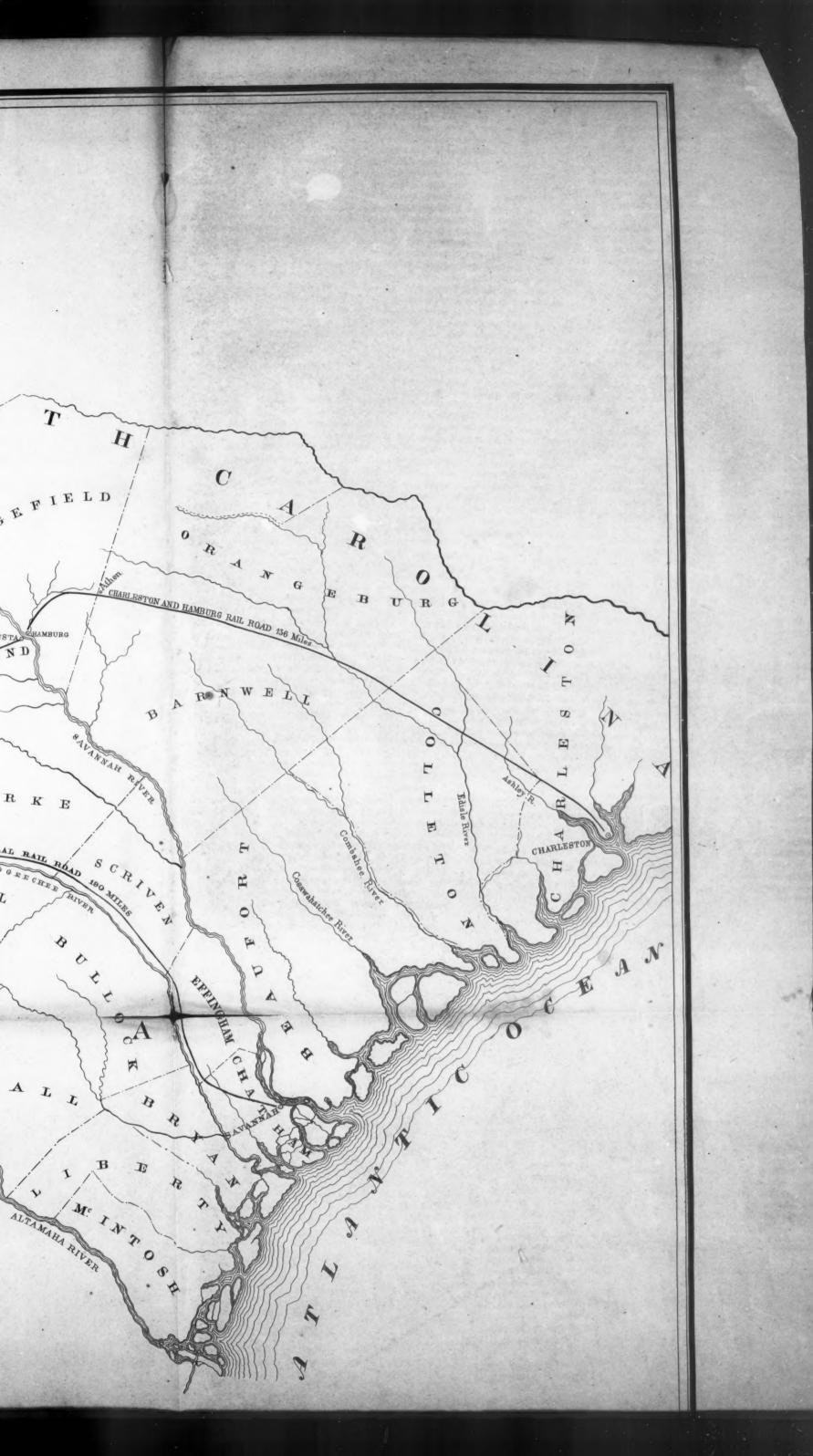
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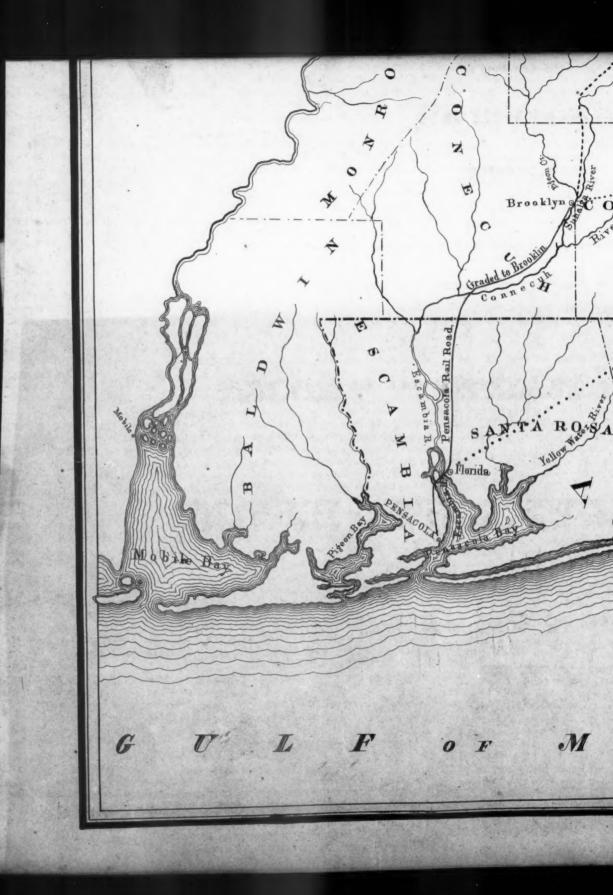
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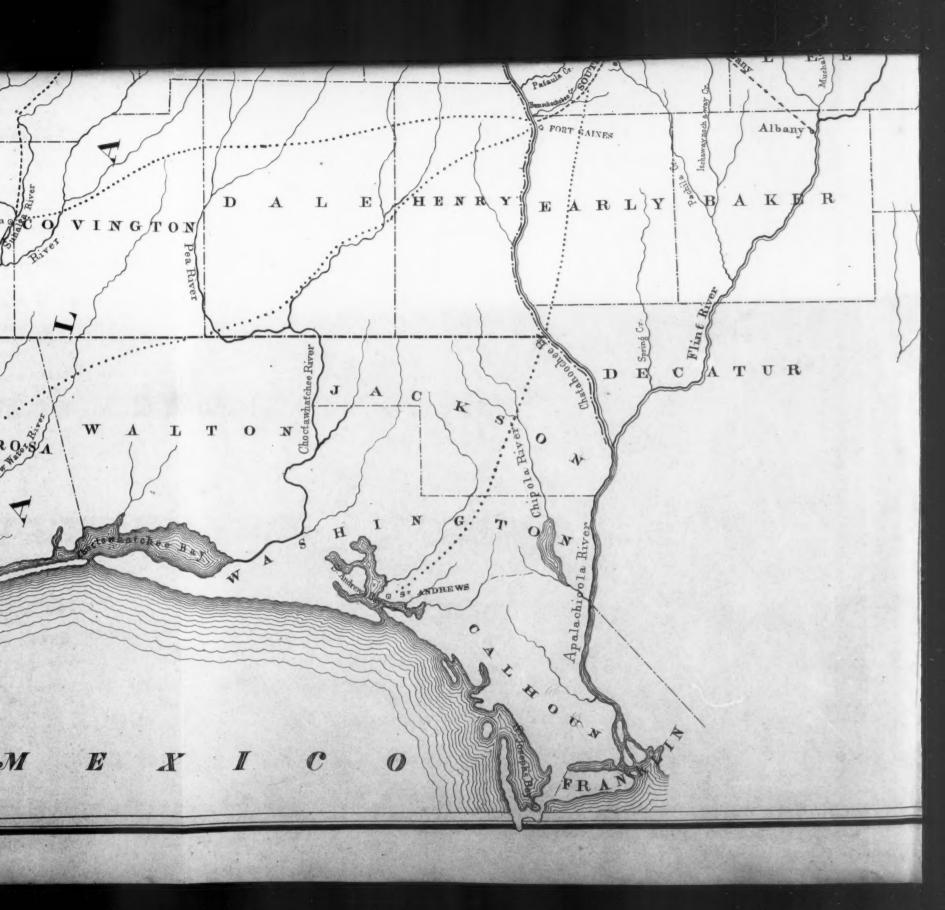




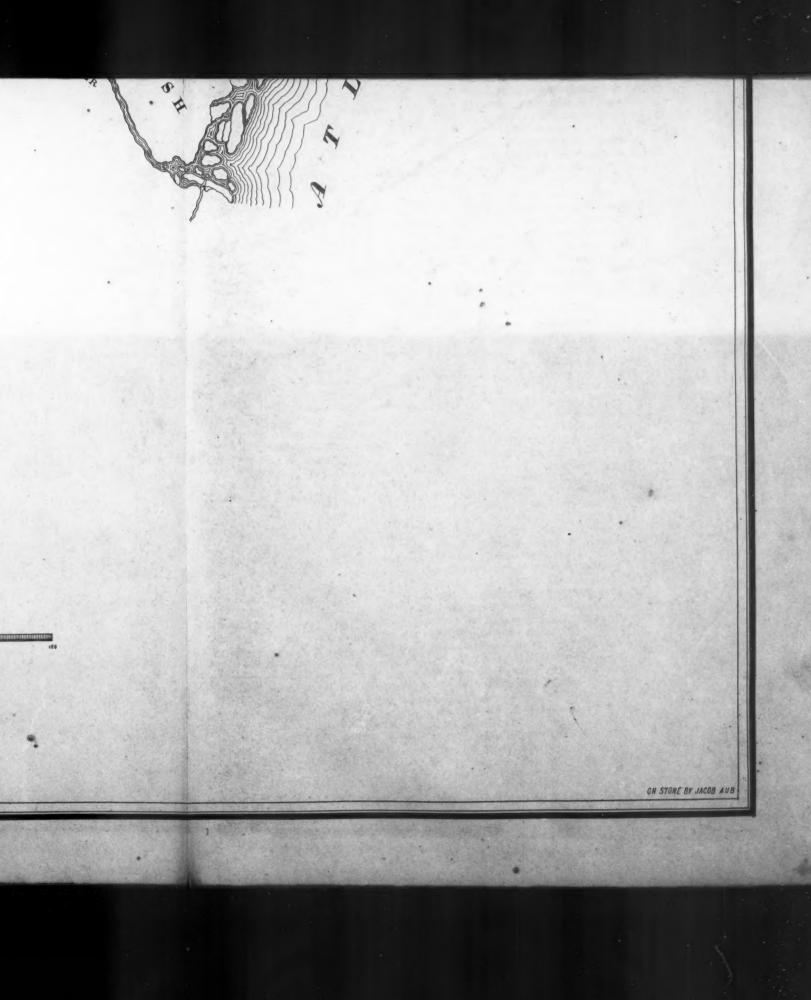








Albany AK R Flint Riv TUR Scale of Miles





of Randolph county, and there to close the survey,—which is as nearly in compliance with the instructions to "terminate at the most eligable point for a branch to Albany," as circumstances would admit. Both, of what are believed to be the most eligable representations of the most eligable point for a branch to Albany, as the line might approach upon the surveyed, fall to the down, as the line might approach upon the line right, or west of that ridge, into the valley of the Pataula creek; and be conducted by that the conducted by that the conducted by the conduc points, are thus shown in connection with the

ance of the main line will, as before inti- much so, as to partake of an opposite charac- believed this route would possess superior adexamine the country along this ridge as far March freshet of 1841, overflowed those flats Alabama—or render it necessary to cross, The result of the reconnoisance was favora- would be regarded by some as an obstacle to ing into that river considerably below Fort ble. The most eligible route, it is believed, the free navigation of the river—already bewould continue upon the dividing ridge beset with sufficient difficulties, but still likely
tween the Chattahoochee and Flint, or their for a considerable time, to preserve its chain ten miles of Eufaula, Alabama—where tributaries—which are here, Pumpkin creek and the Socohachee, tributaries of the former, and the Socohachee, tributaries of the former, and the Pachitla, a tributary of the latter—like most other of the rivers of the country, be in itself a decided advantage. The nearpassing from one to two miles to the right, or ultimately destined to yield the palm to the est point to Eufaula, on the Fort Gaines west, of Cuthbert, as already alluded to; superior speed, certainty and safety of that route, is twenty five miles.

until having passed the head of the Soco great revolutionist, the Railroad. If I might hachee, the line would take a westerly di- be permitted for a moment to wander so far mouth of the Putaula, and thence running, rection to the head of Hog creek.

about two miles, descend along the second least for all purposes of travel, will be deserbled grounds, or interval between the swamp and hill side, which is of considerable with and and water, from New Orleans to by land with the line that the ling between Barbout two miles, descend along the second least for all purposes of travel, will be deserbled would leave the Yattayabba on the left, and and water, from New Orleans to plant the most inviting chains and in all respects of the most inviting chains. Theree, racter, to the junction of Hog creek with the somechechobec—the valley of which, appears to offer the same, if not greater induces is fourteen hundred miles, and by land, six continue a westerly course, not very remote ments that that of the former stream, if pos-ments that that of the former stream, if pos-sible. The line would continue down the digression, and allude to the subject more to Alabama, till it intersected with the Pensacosible. The line would continue down the north bank of the Somochechobec, to the point where the creek is crossed by the road leading from Cuthbert to Fort Gaines, where a crossing could be effected at, comparative uninterrupted navigation of the Chattahoo ly, a very small expense. The swamp here disappears entirely, and the creek is discompletely, or perhaps so economically, as by elevating the bridge sufficiently for boats to pass without a draw.

It is understood that the Pensacola country is ready to form a junction with the South.

Alabama, till it intersected with the Pensacola and Montgomery railroad, already graded beyond this point, about forty miles from Pensacola; or taking the direction of Yellow-water river for some distance, finally cross Middle river, and intersect the Pensacola and Montgomery railroad at the town of Florida, about twelve miles from Pensacola.

It is understood that the Pensacola company is ready to form a junction with the South.

Having reached the southern bank of the

After reaching the valley of the Chattahoochee by either of these routes, the line would then, probably, skirt along the slope of the high land bordering it to the upper edge of the bluff, just alluded to, and on which Fort Gaines is situated, where the Chattahoochee might be crossed, apparently under highly favorable circumstances. The

Somochechobee, the line might either skirt Chattahoochee, I am of course stepping bealong it to the valley of the Chattahoochee, yound the present charter, and looking to the likely to meet the Southwestern company on or taking, for a short distance, nearly the direction of the highway and leading to Fort Gaines, reach the Chattahoochee valley near destination. And with reference to its extraction of Brooklyn, on the Suplaga where the road from Fort Gaines to the tension, it may be well to notice the fact—
Ferry, descends into it—a short distance that it is not unlikely, but a different and above the bluff.

The distance of about seventy miles.—
The distance from this point to Fort Gaines, quite favorable line, might be had from Rich.

In view of this state of facts, it was decided bluff, which is said to be one hundred and Richland, in Stewart county, instead of purto continue the main line to the upper line sixty feet high, is washed by the run of the suing for some distance the dividing ridge On the other, or Alabama side, the features of the ground with reference to cross at Fort Gaines, is a matter not perfectly clear. The most eligable ground for the continuing the river, are less favorable, but not so But, after attaining the Alabama side, it is mated, probably be found along the dividing ridge between the Flint and Chattahoochee, for some distance farther—by pursuing which, Cuthbert will be left from one to two miles to the left. I have already taken occasion to the left. I have already taken occasion to the country along this ridge as fur where the country along the ridge as fur where the country along this ridge as fur where the country along this ridge as fur where the country along the ridge as fur where rid as Cuthbert, which may be pronounced fabut from two to three feet. A moderate embankment, therefore, would not only place
the road above the range of high water, but
derably above Fort Gaines, (on the opposite Gaines-which place, or " below," the char also elevate the bridge so much, as to render side,) and runs for some distance a nearly ter designates as the terminus of the road. it practicable to dispense with a draw; which parallel course with the Chattahoochce, fall-

The route by the Pataula, would pass with-

from the subject, I should run but little risk up Hardridge creek, coming into the Chatta-Falling into the valley of this creck, it of not being borne out by the fact, were I to would, after overtaking the descent of the predict, (and the prediction is therefore haz stream, by a resort to the maximum grade for arded) that the mighty Mississippi itself, at Chattahoochee, near the line between Bar-

> In speaking of the subject of crossing the ny is ready to form a junction with the Southwestern railroad, at any point; and not un-

fifty from Macon, and four hundred and for upper route. The principal one is, to facility from Savannah. But the facts of Pensa-cola being an important naval station, and that the distance from St. Andrews to New Orleans by water, would be one hundred miles further, may award to Pensacola the can be effected in a distance of 371 miles, as preference—especially if the Pensacola com-before stated, and over favorable ground— pany should co operate to the extent of the This object is so important, as to be a suffipledges that are understood to have been cient reason in itself—though the face, or to-made by its officers; otherwise the South-pography of the country, has had its influwestern company might find it to its interest, to reach the Gulf of St. Andrew's, or possi-

bly St. Joseph's Bay.

These remarks with reference to the route without, by any means, a perfect knowledge stiled the Southeastern railroad. of the country spoken of; and are thrown When it is borne in mind, that this route out merely as hints, based upon the best will possess all the advantages claimed for knowledge in my possession. It is however the route by the way of Barnesville to Maimportant that the line under the present con, that the total distance will be less by charter, should terminate at a point on the about five miles, and that it will require the Chattahoochee, that will admit of its exten construction of but 371 miles of road, against SHIPPING & COMMISSION AGENTS sion, or the junction of some other line with 75 by the other, the Muscogee company's sion, or the junction of some other line with 75 by the other, the Muscogee company's it at this point, under favorable circumstances, which will put the Southwestern railroad in connection with the Gulf of Mexico on the west, as it will be with the Atlantic on the the Southeastern railroad company will avail and the Peninsula, and all parts of France—via

in the accomplishment of this object.

EASTERN RAILROAD.

disappointment and regret of some, probably mately, towards its construction. Eighty many persons, residing in the lower counties thousand bales of cotton, which are now anmany persons, residing in the lower counties thousand bales of cotton, which are now an of southwestern Georgia, below the route traversed by the proposed line of road, that the route passes so much to the right, or above them. This disappointment arises, cotton would be waggingdown to the proposed line of road, that the route passes so much to the right, or above them. This disappointment arises, cotton would be waggingdown to the planes of the Portage Railroad in Pennsylvania, on the Public Slips, on Ferries and in Mines. The nor doubt, however, that a large amount of has a ow run 4 seasons, and is still in good condiabove them. This disappointment arises, cotton would be wagoned, in the absence of tion. perhaps from the fact, that the early meetings a branch road, from Columbus to the Southwhich were held in southwestern Georgia on western railroad—but 371 miles. this subject, were all to the southward or castward of this line—principally in Sumter county; and as an air line would fall somewhat more in that direction, the inference was perhaps natural, that the route would probably traverse this region.

I would by no means, however, convey the impression to that part of the public interested in the enterprise, that the present sur vey settles the question of routo—such is, I think I may say, by no means the case. For the citizens along the line surveyed, to flatter themselves that such is the fact, would be to lull themselves into a fatal inactivity and security. The question, I feel authorized to say, is wholly at large. I shall allude to some of the circumstances which influence the commissioners in giving to the route pursued by the present survey, the preference other things being equal; but if other portions of southwestern Georgia should offer greater pecuniary inducements than that portion traversed by the line, the effect may be anticipated.

It is only necessary to allude to one or two

It is only necessary to allude to one or two causes which influence the commissioners in their preference, for what may be called the

pography of the country, has had its influence in determining the question of route.

The distance from Columbus to the junction with the main line, and from thence to These remarks with reference to the route Macon, will be 112 miles. A charter has through Alabama and Florida, are made already been obtained for this branch road—

It is believed, however, that either crossing of the Chattahoochee which has been alluded to, would present no considerable obstacle in the accomplishment of this object.

BRANCH RAILROAD TO COLUMBUS, OR SOUTH.

Chattahoochee which has been alluded to the Muscogee company build their road, or otherwise.

Should not the School and the

themselves of the privileges of their charter, it will, in all probability, be the interest of I will here take occasion to refer to the the Southwestern company to take steps ulti-

of the branch road in question, or the South-eastern railroad; and it will be seen, this eastern railroad; and it will be seen, this route would become a powerful, if not triumphant competitor for the through travel between the north and south—as it would reduce considerably the amount of staging to sent routes. Should the Muscogee railroad mon spikes made by the hammer.

All orders directed to the Agent, Troy, N. York ultimately take the field for this travel, the extension of the Southwestern railroad to the

BRINLEY, Manufacturer, Perth Amboy N. J. Guaranteed equal to any, either domestic of toreign. Any shape or size made to order. Terms mos. from delivery of brick on board. Refer to

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MANUFACTURE OF PATENT WIRE
Rope and Cables for Inclined Planes, Standing Ship Rigging, Mines, Cranes, Tillers etc., by
JOHN A. ROEBLING, Civil Engineer,
Pittelwirth, Pa Pittsburgh, Pa.

western railroad—but 374 miles.

Until the completion of the Muscogee road—should that ever be effected—the whole travel and light goods now hauled in wagons from Barnesville to Columbus, would of course take that route—even in the absence of the heavest are constantly for sale a very extensive assortment of Wrought Spikes and Nails, from 3 to 10 inches, manufactured by the subscriber's Patent Machinery, which after five years' successful operation, and now almost universal use in the United States (as well as England, where the subscriber obtained a patent)

duce considerably, the amount of staging to factory—for which purpose they are found invalua-which the traveller is subjected on the pre-ble, as their adhesion is more than double any com-

will be punctually attended to.
HENRY BURDEN, Agent.

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& C. WASON, Manufacturers of ever rods east of the depot, Springfield, Mass.
Running parts in sets complete, Wheels, Axles, or any part of cars furnished and fitted up at short

and in the best manner.

N.B. Particular attention paid to the manufacture of the mast improved Freight Cars. We refer to the New Haven, Hartford and Springfield; Connecticut River; Harlem; Housatonic, and Western, Mass., Railroads, where our cars are now in constant use.

Dec. 25, 1817.-1y.



No 23 Pear street, 1v10 near Third.

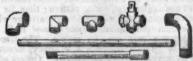
below Walnut, Philacelphia.

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WELDED WROUGHT IRON TUBES

From 4 inches to 1 in calibre and 2 to 12 feet long, capable of sustaining pressure from 400 to 2500 lbs. per square inch, with Stop Cocks, Tr. Le, and other fixtures to suit. fitting together, with screw joints, suitable for STEAM WATER, GAS, and for LOCOMOTIVE and other STEAM BOILER FLUES.



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promptly attended to at this office.

RAILROAD IRON AND LOCOMOTIVE pattern from Bloom Iron only. Address pattern from Bloom Iron only. Address SAM'L KIMBER & CO.,
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Manufacture to Order, Passenger and Freight Cars of every description, and of the most improved pattern; also furnish Snow Ploughs and Chilled Wheels of any pattern and size. Forged Axles, Springs, Boxes and Bolts for Cars at the lowest prices.

All orders punctually executed and forwarded to any part of the country.

Our Works are within fifteen minutes ride from State street, Boston—Omnibuses pass every fifteen

FRENCH AND BAIRD'S PATENT SPARK ARRESTER

TO THOSE INTERESTED IN Railroads, Railroad Directors and Managers are respectfully invi-ted to examine an improved Spark-Arrester recently patented by the undersigned.

Our improved Spark have been extensively used during the last year on both passenger & freight engines, and have been brought to such a state of perfection that no an-noyance from sparks or dust from the chimney of engines on which they are used is experienced.

TO LOCOMOTIVE AND MARINE EXPERIENCE.

This deliphia. Welded Wrought Iron Flues, suitable for Locomotives, Marine and other purposes; extra strong Tube for Hydraulic Presses; Hollow Pistons for Fumps of Steam Engines, etc. Manufacturei and for sale by

MORRIS TASKER & MORRIS,
War touse S. E. corner 3d and Walnut Sts., Philadelphia and the Trenton Iron Works, orders for Railroad Iron of any required pattern, and warranted equal in every respect in point of quality to the best American or imported Rails. Also on hand and made to order, Bar Iron, Braziers' and Wirr Rads, etc., etc.

PETER COOPER 17 Barling Slip.

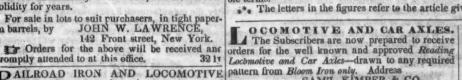
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Lawrence was the success of the



Philadelphia, Pa.

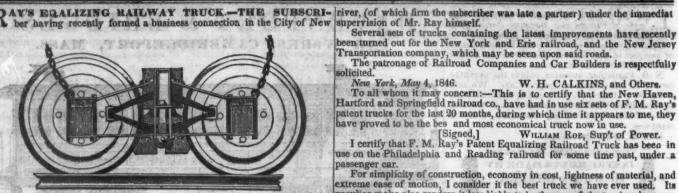
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77 Pine St., New York. 1948









York, expressly for the manufacture of the newly patented and highly apprived Railroad Truck of Mr. Fowler M. Ray, is ready to receive orders for building the same, from Railroad Companies and Car Builders in the United

The above Truck has now been in use from one to two years on several roads a sufficient length of time to test its aurability, and other good qualities, and to satisfy those who have used it, as may be seen by reference to the certificates which follow this notice.

There have been several improvements lately introduced upon the Truck, such as additional springs in the bolser of passenger cars, making them delightful riding cars—adapting it to tenders, trucks forward of the locomotive, and freight cars, which, with its original good qualities, make it in all respects the most desirable truck now offered to the public.

Orders for the above, will for the present be executed at the New Years.

Orders for the above, will, for the present, be executed at the New York Screw Mill, corner 33d street and 3d avenue, (late P. Cooper's rolling mills) and at the Steam Engine Shop of T. F. Secor & Co., foot of 9th street, East

solicited.

New York, May 4, 1846.

To all whom it may concern:—This is to certify that the New Haven, Hartford and Springfield railroad co., have had in use six sets of F. M. Ray's patent trucks for the last 20 months, during which time it appears to me, they have proved to be the bes and most economical truck now in use.

[Signed,]

WILLIAM Roe, Sup't of Power.

I certify that F. M. Ray's Patent Equalizing Railroad Truck has been in use on the Philadelphia and Reading railroad for some time past, under a passenger car.

recrity that F. M. Ray's Patent Equalizing Railroad Truck has been in use on the Philadelphia and Reading railroad for some time past, under a passenger car.

For simplicity of construction, economy in cost, lightness of material, and extreme ease of motion, I consider it the best truck we have ever used. Its peculiar make also renders it less liable to be thrown off the track, when passing over any obstruction. We intend using it extensively under the passenger and freight cars of the above road.

Reading, Pa., October 6, 1845. [Signed,] G. A. NICOLL,
Supt Transportation, etc., Philadelphia and Reading Railroad.

To all whom it may concern:—This is to certify that the N. Jersey Railroad and Transportation company have used Fowler M. Ray's Truck for the last seven months, during which time it has operated to our entire satisfaction. I have no hesitation in saying that it is the simplest and most economical truck now in use.

[Signed,] T. L. Smith,
Jersey Cily, November 4, 1845. N. Jersey Railroad and Transp. Co.
This is to certify that F. M. Ray's Patent Equalizing Railroad Truck has been in use on the Long Island railroad for the last year, under a freight car.

For simplicity of construction, economy in cost, lightness of material and ease of motion, I consider it equal to any truck we have in use.

Long Island Railroad Depot, [Signed,] John Leach,
Jamaica November 12, 1845. [1919 Sup't Motive Power.

ENGLISH PATENT WIRE ROPES—FOR THE USE OF MINES, RAILWAYS, ETC.—
These Ropes are manufactured on an entirely different principle from any other, and are now almost exclusively used in the collieries and on the railways in Great Britain, where they are considered to be greatly superior to hempen ones, or iron chains, as regards safety, durability and economy. The plan upon which they are made effectually secures them from corrosion in the interior, as well as the exterior of the rope, and gives a greater compactness and elasticity than is found in any other manufacture.

Many of these ropes have been in constant operation in the different mines in England, and on the Blackwall and other inclined planes, for three and four years, and are still in good condition.

They have been applied to almost every purpose for which hempen ropes have been used—mines, heavy cranes, standing rigging, window cords, lightning conductors, signal halyards, tiller ropes, etc.

When the exact diameter of the wheel is stated in

ALFRED L. KEMP,

75 Broad street, New York, sole agent in England and on the United States.

Statement of Trial made at the Woolwich Royal Dock Yard, of the Patent Wire Ropes, as compared with Hempen Ropes and Iron Chains of the same strength.—October, 1841.

WIRE ROPES.				HEMPEN ROPES.			CHA	STRENGTH	
Wire gauge number.	Circumference of rope.	Weight pe	r fathem.	Circumference of rope.	Weight pe	r fathom.	Weight per fathom.	Diameter of iron.	Tons.
- 11	INCH.	LBS. 13	oz. 5	10 INCH.	LBS. 24	oz.	LBS. 50	INCH. 15-16	20
13	31	8.	3	81	16	- 8	27	11-16 9-16	134
14	31 21 21	5	2	61	9	4	134	1-2 7-16	71

The working load, with a perpendicular lift, may be taken at 6 cwt. for every lb. weight per fathom, so that a rope weighing 5 lbs. per fathom would safely lift 3360 lbs., and so on in proportion. 1y24

RAILROAD SCALES.—THE ATTEN—
tion of Railroad Companies is particularly requested to Ellicotts' Scales, made for weighing load—some time in successful operation on one of the principal railroads in the country, effectually prevents ventors, and the first to make platform scales in the engines and their trains from running off the track united States; supposing that an experience of 20 years has given a knowledge and superior advantage in the business.

The levers of our scales are made of wrought them.

THOMAS PROSSER,

Patentee.

Some time in successful operation on one of the principal railroads in the country, effectually prevents the track rails, being laid down, or removed, without cutting or displacing them.

Some time in successful operation on one of the principal railroads in the country, effectually prevents the track rails, being laid down, or removed, without cutting or displacing them.

When the exact diameter of the wheel is stated in the order, a fit to those wheels is guaranteed, saving to the purchaser the expense of turning them out inside.

THOMAS & EDMUND GEORGE, 245

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LAP-WELDED WROUGHT IRON TUBES

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TUBULAR BOILERS, FROM 1 1-4 TO 6 INCHES DIAMETER,

and ANY LENGTH, NOT EXCEEDING 17 PEET.

These Tubes are of the same quality and manufacture as those so extensively used in England, Scotland, France and Germany, for Locomotive, Marine and other Steam Engine Boilers.

Turm tick six the de

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tron, all the bearers and fulcrums are made of the best cast steel, laid on blocks of granite, extending across the pit, the upper part of the scale only being across the pit, the upper part of the scale only being across the pit, the upper part of the scale only being across the pit, the upper part of the scale only to scales are litical to the world, its extreme length was one bundred and twenty feet, capable of weighing ten loaded cars at a single draft. It was put on the Mine Hill and Schuylkill Haven Railroad.

We are prepared to make scales of any size to weigh from five pounds to two hundred tons.

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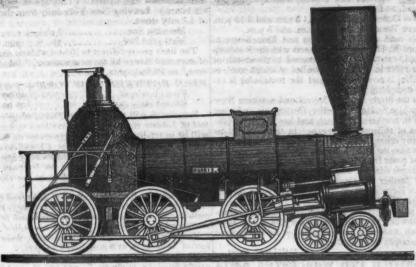
It acts independently of the main track rails, being laid down, or removed, without cutting or displacing them in track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing their running off the track. It is never touched by passing trains, except when in use, preventing them.

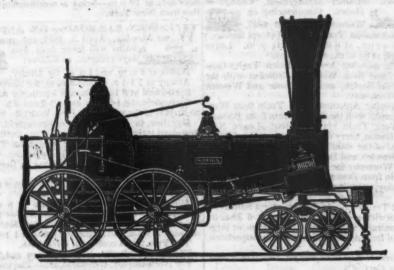
It acts independently of displacing them.

It acts independently of the main track rails.

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Iron and Brass castings, Axles, etc., fitted up complete with Trucks or otherwise.

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Cotton, Wool and Flax Machinery of all descriptions and of the most improved patterns, style and workmanship.

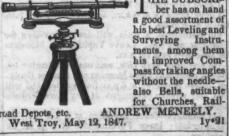
style and workmanship.

Mill gearing and Millwright work generally;
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a45 Paterson, N. J., or 60 Wall street, N. York . 12tf



THE SUBSCRIber has on hand a good assortment of his best Leveling and Surveying Instru-ments, among them his improved Com-

AP-WELDED WROUGHT IRON TUBES for Tubular Boilers, from 11 to 15 inches diameter, and any length not exceeding 17 feet-manufactured by the Caledonian Tube Company, Glasgow, and for sale by

IRVING VAN WART. 12 Platt street, New York. JOB CUTLER, Patentee.

These Tubes are extensively used by the British Government, and by the principal Engineers and Steam Marine and Railway Companies in the King-

PRING STEEL FOR LOCOMOTIVES,
Tenders and Cars. The Subscriber is engagep
in manufacturing Spring Steel from 14 to 6 inches
in width, and of any thickness required: large quantities are yearly furnished for railroad purposes, and
wherever used, its quality has been approved of.
The establishment being large, can execute orders
with great promptitude, at reasonable prices, and the
quality warranted. Address
JOAN F. WINSLOW, Agent,
ly
Albany Iron and Nail Works,

THE SUBSCRIBERS ARE PREPARED TO execute orders at their Phoenix Works for Railroad Iron of any required pattern, equal in quality and finish to the best imported.

REEVES, BUCK & CO., Philodock of the pattern of the

Philadelphia. ROBERT NICHOLS, Agent, No. 79 Water St., New York

CHILLED RAILROAD WHEELS.—THE CHILLED RAILROAD WHEELS.—THE undersigned are now prepared to manufacture their Improved Corrugated Car Wheels, or Wheels with any form of Spokes or Disks, by a new process which prevents all strain on the metal, such as is is produced in all other chilled wheels, by the manner of casting and cooling. By this new method of manufacture, the hubs of all kinds of wheels may be made whole—that is, without dividing them into sections—thus rendering the expense of banding unnecessary; and the wheels subjected to this process will be much stronger than those of the same size and weight, when made in the ordinary way.

A. WHITNEY & SON,
Willow St. below 13th,
Nov. 10, 1847. [tf.] Philadelphia, Penna.

Nov. 10, 1847. [tf.] Philadelphia, Penna.

THE NEWCASTLE MANUFACTURING
Company continue to formally continue to firm THE NEWCASTLE MANUFACTURING Company continue to furnish at the Works, situated in the town of Newcastle, Del., Locomotive and other steam engines, Jack screws, Wrought iron work and Brass and Iron castings, of all kinds connected with Steamboats, Railroads, etc.; Mill Gearing of every description; Cast wheels (chilled) of any pattern and size, with Axles fitted, also with wrought tires, Springs, Boxes and bolts for Cars; Driving and other wheels for Locomotives.

The works being on an extensive scale, all orders will be executed with promptaess and despatch. Communications addressed to Mr. William H. Dobbs, Superintendent, will meet with immediate attention.

ANDREW C. GRAY, a45; President of the Newcastle Manuf. Co.

CONNECTION BETWEEN THE BOSTON and Lowell and the Boston and Maine Railproads. On and after April
lst, 1847, passenger trains
between these two roads, will run as follows, viz:
Leaving Lowell at 7, 11 1-4 a.m., and 2 1-2, 41-3, and 3 1-3, and 3

also Bells, suitable for Churches, Railroad Depots, etc. ANDREW MENEELY.
West Troy, May 12, 1847.

1y*21

PIG AND BLOOM IRON.—THE SUBSCRIbers are agents for the sale of numerous brands of Charcoal and Anthracite Pig Iron, suitable for Machinery, Railroad Wheels, Chains, Hollowware, etc. Also several brands of the best Puddling Iron, Juniatta Blooms suitable for Wire, Boiler Plate, Axe Iron, Shovels, etc. The attention of those engaged in the manufacture of Iron is solicited by

A. WRIGHT & NEPHEW,
Vine St. Wharf, Philadelphia.

Leaving Lowell at 7, 11 1-4 a.m., and 2 1-2, 41-2, and 6 1-2 p.m., to connect at the junction in Wilmington with those to Portland; at 4 1-5 p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction in Wilmington with those to Portland; at 4 1-9, m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction in Wilmington to p. The p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls only, with a detention of 45 minutes at the junction, and at 11 1-4 a.m. and 6 1-2 p.m. to Great Falls

BOSTON AND MAINE RAILROAD.

Upper Route, to Portland and the East. WINTER ARRANGEMENT, Commencing October 4, 1847. PORTLAND TRAINS.

Leave Boston at 7 A.M. and 21 P.M.
Leave Portland at 71 A.M. and 3 P.M.
GREAT FALLS TRAIN.
Leave Boston at 31 P.M.
Leave Great Falls at 61 A.M.

LAWRENCE TRAINS. Leave Boston at 7, 11; a.m., 2;, 3;, 5; p.m. Leave Lawrence at 7, 8;, 11 a.m., 3;, 6; p.m. HAVERHILL TRAINS.

Leave Boston at 11; A.M. and 5; P.M. Leave Haverhill at 7 A.M. and 3; P.M. READING TRAINS.

Leave Boston at 8‡ A.M. and 6‡ P.M. Leave Reading at 6:50 A.M. and 1‡ P.M. MEDFORD BRANCH TRAINS.

Leave Boston at 74, a.m., 12 m., 24, 44, 6 p.m. Leave Medford at 7, 84, a.m., 14, 34, 5 p.m. The Depot in Boston is on Haymarket Square. CHAS. MINOT, Super't.

BOSTON AND PROVIDENCE RAIL-road. Passenger Notice, Summer Arrange-ment. On and after Mon-day, April 5, 1847, the Pas-senger Trains will run as follows:

Stoughton trains, leave Boston at 114 a.m. and 54 p.m. Leave Stoughton at 7 10 a.m. and 33 p.m. All baggage at the risk of the owners thereof.

25tf W. RAYMOND LEE, Sup't.

NEW YORK & HARLEM RAILROAD
CO.—Summer Arrangement.—On and after
Tuesday, June 1st, 1847, the cars
will run as follows, until further
notice. Up trains will leave the City Hall for—
Yorkville, Harlem and Morrisana at 6, 8 and 11

YORWINE, Harlem and Address of a.m., 2, 230, 5 and 7 p.m.

For Morrisiana, Fordham, Williams' Bridge, Tuckahoe, Hart's Corner and White Plains, 7 and 10 a.m., 4 and 5 30 p.m.

For White Plains, Pleasantville, Newcastle, Mechanicsville and Croton Falls, 7 a.m. and 4 p.m.

Freight train at 1 p.m.
Returning to New York, will leave—
Morrisiana and Harlem, 7, 8 20 and 9 a.m., 1, 3,

Morrisiana and Harlem, 7, 8 20 and 9 a.m., 1, 3, 4 30, 6, 6 28 and 8 p.m.
Fordham, 8 08 and 9 15 a.m., 1 20 and 6 15 p.m.
Williams Bridge, 8 and 9 08 a.m., 1 10, 6 08 p.m.
Tuckahoe, 7 38 and 8 25 a.m., 12 55 and 5 52 p.m.
White Plains, 7 10 and 8 35 a.m., 12 50, 5 35 p.m.
Fleasantville, 8 15 a.m. and 5 15 p.m.
Newcastle, 8 a.m. and 5 p.m.
Mechanicsville, 7 18 a.m. and 4 48 p.m.
Groton Falls, 7 30 a.m. and 4 30 p.m. Freight train at 10 a.m.
Freight train will leave 32d street for Croton Falls

Freight train will leave 32d street for Croton Falls Freight train will leave 32d street for Croton Falls and intermediate places, 4 a.m and City Hall 1 p.m., Returning, leave Croton Falls 10 a.m. and 91 p.m. ON SUNDAYS, the trains will run as follows: Leave City Hall for Croton Falls, 7 a.m., 4 p.m. Croton Falls for City Hall, 7 30 a.m., 4 30 p.m. Leave City Hall for White Plains and intermediate places, 7 and 10 a.m. 4 and 5 30 p.m. White Plains for City Hall, 7 10 and 8 35 a.m., 13 30 and 5 35 p.m.

12 30 and 5 35 p.m.

Extra trains will be run to Harlem, Fordham and Williams Bridge on Sunday, when the weather is

CONCORD RAILROAD.—PASSENGER Trains in connection with the Lowell & Nash-ua Railroads, run daily between

Concord and Boston, Sundays

excepted, as follows. viz: Leave Concord at 5 40 and 11 5 a.m. and 3 15 p.m.

Leave Boston at 7 and 11 a.m. and 5 p.m.
This road runs by Nashua and Manchester to
Concord N. H., where it connects with the Northern
railroad, extending from Concord to the mouth of
White river in Vermont, 18 miles of which road, to Franklin, is now opened, and the remainder is rapidly completing.

It is the direct route to Central and northern New Hampshire, and to Montpelier, Burlington, and other towns in northern Vermont, and has a greater proportion of railroad conveyance in those directions

than any other line.
It is also the British Steam Mail Line, and the nearest route from Boston to the Canadas. Nume-

rous stages connect with all parts of the road.

For further information, apply at B. P. Cheney & Co.'s Express office, No. 8 Court St., and Averill & Dean, No. 15 Elm St.

All passengers' baggage should be properly marked, and when valued at more than \$50, notice must be given, and extra charges paid, or no loss beyond such amount will be allowed.

26tf N. G. UPHAM, Supt.

ment. On and after Monday, April 5, 1847, the Passenger Trains will run as follows:

Steamboat train via Stonington—Leaves Boston every day, except Sunday, at 5 o'clock p.m.

Accommodation Trains—leave Boston at 7 and 10½ a.m. and 4½ p.m., and Providence at 7½ and 10½ a.m. and 4½ p.m.

Dedham trains, leave Boston at 8 a.m., 12½, 3½, 6½ and 9 p.m., Leave Boston at 7 and 9½ a.m. and 4½ p.m.

Stoughton trains, leave Boston at 111 a.m. and 50 p.m.

Stoughton trains, leave Boston at 111 a.m. and 112 p.m.

Stoughton trains, leave Boston at 111 a.m. and 112 p.m.

Stoughton trains, leave Boston at 111 a.m. and 112 p.m.

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Stoughton trains of the Boston, and Worcester and Western railroads each way.

trains of the Boston, and Worcester and Western railroads each way.

The Evening Accommodation Train from Worcester connects with the 21 p.m. train from Boston.

New York Train via Steamboat—Leave Norwich for Boston, every morning, except Monday, on the arrival of the stamboat from New York, stopping at Norwich and Danielsonville.

Leave Worcester for New York, upon the arrival of the train from Boston, at about 64 p.m., daily, except Sunday, stopping at Danielsonville and Norwich.

Freight Trains daily each way, except Sunday.— Leave Norwich at 7, and Worcester at 6 30 a.m. Special contracts will be made for cargoes, or large quanties of freight, on application to the superintendent.

The same Less when paid for Tickels than when aid in the Cars. It J. W. STOWELL, Sup't 32 I v

ONG ISLAND RAILROAD COMPANY Summer Arrangement. On and after Monday

May 1st, trains will run as

follows, except Sundays:

Leave—Brooklyn at 9 1-2 a.m. for Farmingdale,
1-2 p.m. for Greenport, at 4 p.m. for Farmingdale.

Leave Farmingdale at 7 a.m for Brooklyn, 12 m. do., at 3 14 do. do. Leave Greenport at 8 1-2 a.m. for Brooklyn.

Leave Jamaica at 8 a.m. for Brooklyn, at 1 p.m.

do., at 41 p.m do.

On Saturdays, a train will leave Brooklyn for Yaphank, at 4 p.m. Leave Yaphank, on Mondays for Brooklyn at 5 1-2 a.m.

On and after May 15th, and until September 1st, 1847, a train will leave Jamaica at 7 a.m. for Brooklyn—leave Brooklyn at 6 p.m. for Jamaica, and will yn—leave Brooklyn at 6 p.m. for Jamaica, and will land and receive passengers at any place between Brooklyn and Jamaica.

On Sundays—leave Brooklyn at 8 1-2 a.m. for Farmingdale; leave Farmingdale at 4 p.m. for

Extra trains will be run to Harlem, Fordham and Williams Bridge on Sunday, when the weather is fine.

The trains to and from Croton Falls will not stop on N. York island, except at Broome st. and 32d st. A car will precede each train 10 minutes to take up passengers in the city.

Fare from New York to Croton Falls and Somers \$1, to Mechanicsville 87ic., to Newcastle 75c., to Pleasantville 62ic, to White Plains 50c.

Brooklyn.

Freight Trains—leave Brooklyn at 10 a.m. for Greenport; leave Greenport at 12 m. for Brooklyn.

Baggage crates will be in readiness at the foot of Whitehall street, to receive baggage for the several trains, 30 minutes before the hour of starting from the Brooklyn side.

The steamer "Statesman," Captain Nash, leaves Greenport for Sag Harbor on the arrival of the Accommodation train from Brooklyn.

The steamer "Statesman," Captain Nash, leaves Greenport for Sag Harbor on the arrival of the Accommodation train from Brooklyn.

DAVID S. IVES, Sup't.

NEW YORK AND PHILADELPHIA RAILroad line—direct. Via Newark, New Brunswick, Princeton, Trenton,
and Bristol. (Through in
six hours.) Leaving New York daily from the foot
of Liberty street.

FARE BETWEEN NEW YORK & PHILA.

the owner.

the owner.

Philadelphia Baggage-crates are conveyed from city to city, without being opened by the way. Each train is provided with a car, in which are apartments and dressing rooms expressly for ladies' use Returning, the lines leave Philadelphia from the foot of Walnut st. at 9 a.m., and 4 1-2 p.m.

The lines for Baltimore leave Philadelphia daily except Sundays, at 8 a.m., 34 and 10 p.m., and Sundays only at 10 p.m.—being a continuation of the line from New York.

25tf

WESTERN RAILROAD. ON AND AFter Monday, April 5, 1847, the passenger trains will leave daily, Sundays excepted, as follows:

Boston at 8 a. m. and 4 p. m. for Albany.
Albany at 7 1-4 a. m. and 5 p. m. for Boston.
Springfield at 8 1-2 a. m. and 1 p. m. for Albany
Springfield at 8 1-2 a. m. and 1 1-2 and 3 p. m. (or

on arrival of the train from New York) for Boston.

Day line to New York, via Springfield.—The steamboat train leaves Boston at 6 a. m., and arrives in New York at 7 p. m., by the steamboats Traveller, New York, or Champion. Returning, leaves New York at 6 l-4 a. m., and arrives in Boston at 7 p. m.

7 p. m.
Night line to New York.—Leaves Boston at 4 p.
m., and arrives in New York at 5 a. m.
Albany and Troy.—Leave Boston at 8 a. m.,
Springfield at 1 p. m., and arrive in Albany at 6 p.
m.; or, leave Boston at 4 p.m., Springfield next
morning at 81-2, and arrive in Albany at 1 1-2 p.m.
The Troy trains connect at Greenbush.
The trains for Buffalo leave at 71 a.m. and 7 p.m.

The trains for Buffalo leave at 71 a.m. and 7 p.m. For Northampton, Greenfield, etc.—The trains of the Connecticut River Railroad leave Springfield at the Connecticut River Railroad leave Springheld at g 1-4 a.m., 1 and 3 p.m., and passengers proceed directly on to Brattleboro', Windsor, Bellows Falls, Walpole, Hanover, Haverhill, etc.

For Hartford.—The trains leave Springfield on the arrival of the trains from Boston.

The trains of Pittsfield and North Adams Railroad leave Pittsfield on the arrival of the trains from

N. B.—No responsibility assumed for any bag-gage by the passenger trains, except for wearing apparel not exceeding the value of fifty dollars, un-

less by special agreement.

JAMES BARNES, Sup't and Eng'r.

C. A. SEAD, Agent, 27 State street, Boston.

GREAT SOUTHERN MAIL LINE! VIA
Washington city, Richmond, Petersburg, Weldon and Charleston, S. C., direct to New Orleans.
The only Line which carries the Great Southern
Mail, and Twenty-four Hours in advance of Bay
Line leaving Raltimore same day.

Passengers leaving New York at 41 P.M., Philadelphia at 10 P.M., and Baltimore at 61 A.M., proceed without delay at any point, by this line, reaching Richmond in eleven, Petersburg in thirteen and a half hours, and Charleston, S. C., in two days from Baltimore.

Fare from Baltimore to Charleston.....\$21 00

NEW YORK AND ERIE RAILROAD LINE
SUMMER ARRANGEMENT. For passenRegers, twice each way daily,

(except Sunday,) leave New free from the passenger with the passenger from the passenger York from the foot of Duane St. at 7 o'clock, A. M. and at 4 o'clock, P. M. by steamboat, for Piermont, thence by cars to Ramapo, Monroe, Chester, Goshen, Middletown, Otisville, and the intermediate

The return trains for New York will leave Otisville at 6 30, A. M. and 4 15, P. M.; Middletown at 7 A. M. and 4 40, P. M.; Goshen at 7 22, A. M. and 5 3, P. M.; Chester at 7 35, A. M. and 5 18, P. M. Fare between New York and Otisville, \$1 50;

way-fare in proportion.

For Milk—Leave Otisville at 51 o'clock, morn-

FOR MILK—Leave Otisville at 51 o'clock, morning and evening.
FOR FREIGHT—The barges "Samuel Marsh and "Henry Suydam, Jr." will leave New York (from the foot of Duane St.) at 5 o'clock, P. M. daily (ex-

the foot of Duane St.) at 3 o'clock, P. M. daily (except Sundays.)

No freight will be received in New York after 5
o'clock, P. M.

Freight for New York will be taken by the trains leaving Otisville at 10½ o'clock, A. M.; Middletown at 11½, A. M.; Goshen at 12½, P. M.; Chester at 1 o'clock, P. M., etc., etc.

For farther particulars apply to I. F. CLARK.

For farther particulars, apply to J. F. CLARK-SON, Agent, corner of Duane and West Sts., New York, or to S. S. POST, Superintendent Transportation, Piermont.

after Monday, September 20th, until further notice, a Passenger train will run as follows:

Leave Cincinnati daily at 9 A. M., for Milford, Foster's Crossing, Deerfield, Morrow, Fort Ancient, Freeport, Waynesville, Spring Valley, Xenia, Yellow Springs, and Springfield. Returning, will leave Springfield at 4½ a.m. Upward train arrives at Springfield at 2½ p.m. Downward train arrives at Cincinnati at 10½ a.m.

Freight trains will run each way daily.

Messrs. Neil, Moore & Co. are running the fol-lowing stage lines in connection with the road:

A daily line from Xenia to Columbus and Wheeling, carrying the great Eastern mail.

Daily lines from Springfield to Columbus, Zanes ville and Wheeling. Also to Urbana and Bellefon-

A line of Hacks runs daily in connection with the train between Deerfield and Lebanon.

Passengers leaving for New York and Boston, arrive at Sandusky city via Urbana, Bellefontaine & the Mad River and Lake Eric railroad, in 27 hours, including several hours' sleep at Bellefontaine. the same point via Columbus, Delaware, Mansfield and the Mansfield and Sandusky city railroad, is 32 Distance from Cincinnati to Springfield by railroad84 miles

From Springfield to Bellefontaine by stage, railroad102 FARE-From Cincinnati to Lebanon \$1 00 " " Xenia 1 50
" " Springfield . 2 00
" " Columbus . . 4 00 66 44 " Sundusky city 7 00

The Passenger trains runs in connection with Strader & Gorman's line of Mail Packets to Louis-

Tickets can be procured at the Broadway Hotel, Dennison House, or at the Depot of the Company

Dennison House, or at the Depot of the Company on East Front street.

Further information and through tickets for the Stage lines, may be procured at P. Campbell, Agent on Front street, near Broadway.

The company will not be responsible for baggage beyond 50 dollars in value, unless the same is returned to the conductor or agent, and freight pand at of a passage for every \$500 in value over that amount. amount. 47nf W. H. CLEMENT, Sup't.

more and York.—The Passenger trains run daily, except Sunday, as follows:

Leaves Baltimore at 9 a.m. and 31 p.m.

Arrives at 9 a.m. and 64 p.m.

Leaves York at 124 p.m. and 3 p.m.

Leaves York for Columbia at 11 p.m. and 8 a.m.

Leaves Columbia for York at 8 a.m. and 2 p.m.

Fare to York....\$1 50 Wrightsville..... 2 00 2 121

PITTSBURG, GETTYSBURG AND HARRISBURG.
Through tickets to Pittsburg via stage to Har-

SON, Agent, corner of Duane and West Sts., New York, or to S. S. POST, Superintendent Transportation, Piermont.

24tf

H. C. SEYMOUR, Sup't.

LITTLE MIAMI RAILROAD COMPANY.
Fall and Winter Arrangement, 1847. On and after Monday, September 20th, until further notice, a Passenger

LEXINGTON AND OHIO RAILROAD.

Trains leave Lexington for Frankfort daily, at 5 o'clock a.m., and 2 p.m. Distance, 28 miles. Fare \$1.25.

On Sunday but one train, 5 o'clock a.m. from Lexington, and 2 o'clock p.m. from Frankfort.

The winter arrangement (after 15th September to

The winter arrangement (after 15th September to 15th March) is 6 o'clock a.m. from Lexington, and ma. 9. from Frankfort, other hours as above. 351y

CENTRAL AND MACON AND WEST-ern Railroads, Ga.—These Roads with the Western and Atlantic Railroad Western and Atlantic Railroad of the State of Georgia, form a continuous line from Savannah to Oothcaloga, Ga., of 371 miles, viz:

Savannah to Macon—Central Railroad 190
Macon to Atlanta—Macon and Western 101
Atlanta to Oothcaloga—Western and Atlaniic.. 80
Goods will be carried from Savannah to Atlanta
and Oothcaloga, at the following rates, viz:

On Weight Goods-Sugar, Cofh Weight Goods—Sugar, Col-fee, Liquor, Bagging, Rope, Butter, Cheese, Tobacco, Leather, Hides, Cotton Yarns, Copper, Tin, Bar & Sheet Iron, Hollow Ware & \$0 75 Gearing, Pig Iron and Grind On Measurement Goods—Boxes of Hats, Bonnets and Furniture, per cubic foot...... 0 20
Boxes and Bales of Dry Goods, Saddlery, Glass, Paints,

niture, per cubic foot 0 20
Boxes and Bales of Dry Goods,
Saddlery, Glass, Paints,
Drugs and Confectionary,
per cubic foot 0 20 pr. 100 lbs. 35
Crockery, per cubic foot 0 15 " 35
Molasses and Oil, per hhd.,
(smaller casks in proportion). 9 00 12 50
Ploughs, (large,) Cultivators,
Corn Shellers, and Straw
Cutters, each 1 25 1 50
Ploughs, (small,) and Wheelbarrows 0 80 1 05
Salt, per Liverpool Sack 0 70 0 95
Passage—Savannah to Atlanta, \$10; Children, under 12 years of age, half price,
Savannah to Macon, \$7.
The Goods consigned to the subscriber will be forwarded free of Commissions.
The Freight may be paid at Savannah, Atlanta to Oothcaloga.

CHAS. F. M. GARNETT,
Chief Engineer.

Chief Engineer.

Oothcaloga.
F. WINTER, Forwarding Agent, C. R. R. Savannah, Avg. 15th, 1846.

BALTIMORE AND OHIO RAILROAD.
MAIN STEM. The Train carrying the

Great Western Mail leaves Baltimore every morning at 71 and Cumberland at 8 o'clock, passing Ellicott's Mills, Frederick, Harpers Ferry, Martinsburgh and Hancock, cometing daily each way with—the Washington Trains at the Relay House seven miles from Baltimore, with the Winchester Trains at Harpers Ferry — with the various railroad and steamboat lines between Baltimore and Philadelphia and with the lines of Post Conches between Comsteamboat lines between Baltimore and Philadelphia and with the lines of Post Coaches between Cumberland and Wheeling and the fine Steamboats on the Monongahela Slack Water between Brownsville and Pittsburgh. Time of arrival at both Cumberland and Baltimore 51 P. M. Fare between those points \$7, and 4 cents per mile for less distances. Fare through to Wheeling \$11 and time about 36 hours, to Pittsburgh \$10, and time about 32 hours, Through tickets from Philadelphia to Wheeling \$13, to Pittsburgh \$12. Extra train daily except Sundays from Baltimore to Frederick at 4 P. M., and from Frederick to Baltimore at 8 A. M. and from Frederick to Baltimore at 8 A. M.

WASHINGTON BRANCH.

Daily trains at 9 A. M. and 5 P. M. and 19 at night from Baltimore and at 6 A. M. and 5 P. M. from Washington, connecting daily with the lines North, South and West, at Baltimore, Washington, and the Relay house. Fare \$1 60 through between Baltimore and Washington, in either direction, 4 cents per mile for intermediate distances. \$13y1

CENTRAL RAILROAD-FROM SAVAN-nah to Macon. Distance 190 miles. This Road is open for the trans-

portation of Passengers and
Freight. Rates of Passage, \$8 00. Freight—
On weight goods generally... 50 cts. per hundred.
On measurement goods...... 13 cts. per cubic ft.
On brls. wet (except molasses

on the arrival of the boats from
Wilmington, N. C., in connection
with trains on the Georgia, and Western and Atlantic Railroads—and by stage lines and steamers connects with the Montgomery and West Point, and the Tuscumbia Railroad in N. Alabama.
Fare through from Charleston to Montgomery on the arrival of the boats from

Fare through from Charleston to Huntsville, Fare through from Charleston to Huntsville,

1y34 Atlanta, Georgia, April 16th, 1846.

PHILADELPHIA AND READING RAIL-ROAD.—Passenger Train Arrangement for 1847. A Passenger Train will leave Philadelphia and Pousville daily, except Sundays, at 9 o'clock A. M.

Train from Philadelphia arrives at Reading at 12 18 M.

The Train from Pottsville arrives at Reading at 10 43 A. M.

Between Phila, and Pottsville, 92.
"Reading, 58.
"Pottsville "34. No. 1. No. 2. \$3.50 and \$3.00 2.25 and 1.90 1.40 and 1.20 Five minutes allowed at Reading; and three at other way stations.

Passenger Depot in Philadelphia corner of Broad

Passenger Depot in Philadelphia corner of Broad and Vine streets.

PHILADELPHIA, WILMINGTON & BALTIMORE RAILROAD,-1847. Summer Arrangement,

Philadelphia for Baltimore ... 8 a.m. and 10 p.m. Baltimore for Philadelphia ... 9 a.m. and 8 p.m. Connecting with Mail Lines North, South & West.

Connecting with Mail Lines North, South & West.

On Sundays, only the 10 P. M. Lines run.

The Boat Lines, via Newcastle & Frenchtown R.R.
Leave Philadelphia at 3½ p.m. \ No line on SunLeave Baltimore at 3 p.m. \ day.

Accommodation Trains between Philadelphia &
Wilmington.—Philadelphia to Wilmington, 8 a.m.,
mail, 12½ p.m., 4 p.m., 7 p.m., 10 p.m. mail. Wilmington to Philadelphia, 7 a.m., 1 p.m., mail, 4½ p.
m., 7 p.m., 12½ a.m., night mail.

J. R. TRIMBLE,

Engineer and General Superintendent.

GEORGIA RAILROAD. FROM AU-GUSTA to ATLANTA-171 MILES. AND WESTERN AND ATLANTIC RAILROAD FROM AT-LANTA TO DALTON, 100 MILES.

This Road in connection with

the South Carolina Railroad and Western and Atlantic Railroad now forms a con-tinuous line, 408 miles in length, from Charleston to Dalton (Cross Plains) in Murray county, Ga.— 39 miles from Chattanooga, Tenn.

BATES OF FREIGHT.	Between Augusta and Dalton.	Between Charleston, and Dalton,
determination of each Thirty married	271 miles	408 miles.
1st class. Boxes of Hats, Bonne and Furnature, per class foot	80 18	80 28
2d class. Boxes and Bales of D Goods, Sadlery, Gla	ory ss,	onitalia Ulm etan Inco'll es
fectionary, per 100 l 3d class. Sugar, Coffee, Liqu Bagging, Rope, Cott	bs. 1 00 or.	1 50
Yarns, Tobacco, Lither, Hides, Copp Tin, Feathers, Sh Iron, Hollow Wa	er, eet	015-01 2 6-03 -64 85
4th class. Flour, Rice, Bacon, Po Beef, Fish, Lard, T	etc. 0 60 ork, 'al- Bar	0 85
Iron, Ginseng, N. Gearing, Pig Iron, a Grindstones, etc	nd 0 40	0 6 ₅
Molasses, per hogshed "barrel.	ad. 8 50 2 50 0 18	13 50 4 25
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een Macon	and Decatur and immediate points.	122 0	25	1 05	0 81
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Betw	and Chattanooga.		1.1.70	wettled 5	190
Between Augusta	and Decatur and intermediate points.	90 24	2	1 15	0 8 8 5 0 9 0
	and Knoxville & intermediate points.	80 24	1 70	1 20	080
	and Chattanooga.		ลลามได้นางเ เครื่องเปล่า	100 SENIO	0 65
Between Charleston or Savannah	and Decatur and intermediate points.	\$0 32	2 20	1 35	1 05
	and Knoxville & intermediate points.	\$0 32	8 30	- 40	1 00
	and Chattanooga,	RIGO	Mest of	1977/201	90 85
15	Company of the second	88,	04:85	a k g	in-

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